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OM nucleic - nucleic search, using sw model

Run on: November 2, 2004, 10:31:41 ; Search time 110 Seconds
(without alignments)
3.659 Million cell updates/sec

Title: US-10-633-913-3
Perfect score: 5444
Sequence: 1 gccccaggcgctcgagaggtc.....aggaataagaagttactctac 5444

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 0.5

Searched: 1819 seqs, 3696 residues

Total number of hits satisfying chosen parameters: 3638

Minimum DB seq length: 8
Maximum DB seq length: 50

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1832 summaries

Database : rnpb3.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	50	0.9	50	1	US-10-131-827-502
2	50	0.9	50	1	US-10-131-827-3210
3	50	0.9	50	1	US-10-131-827-3470
4	50	0.9	50	1	US-10-131-827-7915
5	33	0.6	33	1	US-09-956-712-6
6	33	0.6	33	1	US-10-633-913-6
7	23	0.4	23	1	US-10-407-818-1
8	23	0.4	23	1	US-09-956-712-4
9	23	0.4	23	1	US-10-633-913-4
10	23	0.4	32	1	US-10-108-968-8
11	22	0.4	32	1	US-10-371-600-2
12	22	0.4	32	1	US-10-371-600-9
13	22	0.4	32	1	US-10-371-600-10
14	22	0.4	22	1	US-09-956-712-5
15	22	0.4	22	1	US-10-633-913-5
16	22	0.4	22	1	US-09-388-221-15
17	22	0.4	31	1	US-09-388-221-15
18	22	0.4	50	1	US-10-131-827-3210
19	22	0.4	50	1	US-10-131-827-3470
20	21	0.4	28	1	US-10-309-775A-74
21	21	0.4	21	1	US-09-388-221-17
22	21	0.4	29	1	US-10-407-818-2
23	21	0.4	30	1	US-09-388-221-18
24	21	0.4	30	1	US-09-880-727-10
25	21	0.4	30	1	US-10-042-193A-1
26	21	0.4	30	1	US-10-042-193A-2
27	21	0.4	30	1	US-10-314-578-1094
28	21	0.4	30	1	US-10-314-578-1095
29	21	0.4	30	1	US-10-380-584-115
30	21	0.4	30	1	US-10-472-055-2
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C 67	20	0.4	20	1	US-09-956-712-49	Sequence 49, Appl
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C 85	20	0.4	20	1	US-09-956-712-67	Sequence 67, Appl
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C 87	20	0.4	20	1	US-09-956-712-69	Sequence 69, Appl
C 88	20	0.4	20	1	US-10-633-913-14	Sequence 14, Appl
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C 108	20	0.4	20	1	US-10-633-913-34	Sequence 34, Appl	C 181	18.4	0.3	26	1	US-09-923-236-6	Sequence 6, Appl
C 109	20	0.4	20	1	US-10-633-913-35	Sequence 35, Appl	C 182	18.4	0.3	26	1	US-09-922-469-6	Sequence 6, Appl
C 110	20	0.4	20	1	US-10-633-913-36	Sequence 36, Appl	C 183	18.4	0.3	26	1	US-10-039-876A-10	Sequence 10, Appl
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C 112	20	0.4	20	1	US-10-633-913-38	Sequence 38, Appl	C 185	18.4	0.3	26	1	US-10-352-253A-36	Sequence 36, Appl
C 113	20	0.4	20	1	US-10-633-913-39	Sequence 39, Appl	C 186	18.4	0.3	26	1	US-10-224-289-20	Sequence 20, Appl
C 114	20	0.4	20	1	US-10-633-913-40	Sequence 40, Appl	C 187	18.2	0.3	24	1	US-09-732-067-1	Sequence 1, Appl
C 115	20	0.4	20	1	US-10-633-913-41	Sequence 41, Appl	C 188	18.2	0.3	24	1	US-09-920-342-12	Sequence 12, Appl
C 116	20	0.4	20	1	US-10-633-913-42	Sequence 42, Appl	C 189	18.2	0.3	24	1	US-09-920-313-148	Sequence 148, Appl
C 117	20	0.4	20	1	US-10-633-913-43	Sequence 43, Appl	C 190	18.2	0.3	24	1	US-09-949-305B-6	Sequence 6, Appl
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C 121	20	0.4	20	1	US-10-633-913-47	Sequence 47, Appl	C 194	18.2	0.3	24	1	US-09-776-479-961	Sequence 961, Appl
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C 123	20	0.4	20	1	US-10-633-913-49	Sequence 49, Appl	C 196	18.2	0.3	24	1	US-09-776-479-962	Sequence 962, Appl
C 124	20	0.4	20	1	US-10-633-913-50	Sequence 50, Appl	C 197	18.2	0.3	24	1	US-09-776-479-962	Sequence 962, Appl
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C 129	20	0.4	20	1	US-10-633-913-55	Sequence 55, Appl	C 202	18.2	0.3	24	1	US-10-112-653-920	Sequence 920, Appl
C 130	20	0.4	20	1	US-10-633-913-56	Sequence 56, Appl	C 203	18.2	0.3	24	1	US-10-017-995-433	Sequence 433, Appl
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C 135	20	0.4	20	1	US-10-633-913-61	Sequence 61, Appl	C 208	18.2	0.3	24	1	US-10-224-523-53	Sequence 53, Appl
C 136	20	0.4	20	1	US-10-633-913-62	Sequence 62, Appl	C 209	18.2	0.3	24	1	US-10-331-780-6	Sequence 6, Appl
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C 138	20	0.4	20	1	US-10-633-913-64	Sequence 64, Appl	C 211	18.2	0.3	24	1	US-10-314-578-8-33	Sequence 43, Appl
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C 140	20	0.4	20	1	US-10-633-913-66	Sequence 66, Appl	C 213	18.2	0.3	24	1	US-10-314-578-962	Sequence 962, Appl
C 141	20	0.4	20	1	US-10-633-913-67	Sequence 67, Appl	C 214	18.2	0.3	24	1	US-10-309-775A-14	Sequence 14, Appl
C 142	20	0.4	20	1	US-10-633-913-68	Sequence 68, Appl	C 215	18.2	0.3	24	1	US-10-309-775A-29	Sequence 29, Appl
C 143	20	0.4	20	1	US-10-633-913-69	Sequence 69, Appl	C 216	18.2	0.3	24	1	US-10-360-511-14	Sequence 14, Appl
C 144	19.8	0.4	25	1	US-10-088-263B-128640	Sequence 128640,	C 217	18.2	0.3	24	1	US-10-058-270A-140	Sequence 140, Appl
C 145	19.8	0.4	25	1	US-10-088-263B-128640	Sequence 144, Appl	C 218	18.2	0.3	24	1	US-10-671-628-10	Sequence 106, Appl
C 146	19.6	0.4	28	1	US-09-883-119A-34	Sequence 34, Appl	C 219	18.2	0.3	24	1	US-10-062-188-106	Sequence 106, Appl
C 147	19.2	0.4	24	1	US-10-216-122-151	Sequence 151, Appl	C 220	18.2	0.3	24	1	US-10-374-307-13	Sequence 13, Appl
C 148	19.2	0.4	26	1	US-09-922-480-7	Sequence 7, Appl	C 221	18.2	0.3	24	1	US-10-374-307-16	Sequence 16, Appl
C 149	19.2	0.4	26	1	US-09-923-236-7	Sequence 7, Appl	C 222	18.2	0.3	25	1	US-09-282-734-23	Sequence 23, Appl
C 150	19.2	0.4	26	1	US-09-923-246-38	Sequence 38, Appl	C 223	18.2	0.3	25	1	US-09-730-478A-8	Sequence 8, Appl
C 151	19.2	0.4	26	1	US-09-923-469-7	Sequence 7, Appl	C 224	18.2	0.3	25	1	US-10-060-756A-2119	Sequence 2119, Ap
C 152	19.2	0.4	26	1	US-10-295-723-38	Sequence 38, Appl	C 225	18.2	0.3	25	1	US-10-060-756A-2120	Sequence 2120, Ap
C 153	19.2	0.4	26	1	US-10-275-071-19	Sequence 19, Appl	C 226	18.2	0.3	25	1	US-10-098-263B-128639	Sequence 128639,
C 154	19.2	0.4	26	1	US-10-633-684-38	Sequence 38, Appl	C 227	18.2	0.3	25	1	US-10-348-637-23	Sequence 23, Appl
C 155	19.2	0.3	21	1	US-10-184-085A-165	Sequence 165, Appl	C 228	18.2	0.3	25	1	US-10-224-289-11	Sequence 11, Appl
C 156	19.2	0.3	27	1	US-09-888-326-842	Sequence 842, Appl	C 229	18.2	0.3	25	1	US-10-239-655A-9	Sequence 9, Appl
C 157	19.2	0.3	27	1	US-09-776-479-911	Sequence 911, Appl	C 230	18.2	0.3	26	1	US-09-099-823-14	Sequence 14, Appl
C 158	19.2	0.3	27	1	US-09-776-479-911	Sequence 911, Appl	C 231	18.2	0.3	26	1	US-09-923-242-39	Sequence 39, Appl
C 159	19.2	0.3	27	1	US-10-112-653-880	Sequence 880, Appl	C 232	18.2	0.3	26	1	US-09-920-342-3	Sequence 3, Appl
C 160	19.2	0.3	27	1	US-10-017-995-911	Sequence 911, Appl	C 233	18.2	0.3	26	1	US-09-092-286-10	Sequence 10, Appl
C 161	19.2	0.3	27	1	US-10-314-578-911	Sequence 911, Appl	C 234	18.2	0.3	26	1	US-09-949-305B-4	Sequence 4, Appl
C 162	19.2	0.3	27	1	US-10-407-818-3	Sequence 3, Appl	C 235	18.2	0.3	26	1	US-10-053-883-53	Sequence 53, Appl
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C 169	18.8	0.3	22	1	US-10-629-453-17	Sequence 17, Appl	C 242	17.8	0.3	21	1	US-10-085-906-141	Sequence 141, Appl
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C 171	18.8	0.3	26	1	US-09-997-931-5	Sequence 5, Appl	C 244	17.8	0.3	22	1	US-09-776-479-908	Sequence 908, Appl
C 172	18.6	0.3	25	1	US-09-866-108-13291	Sequence 13291, A	C 245	17.8	0.3	22	1	US-09-776-479-908	Sequence 908, Appl
C 173	18.6	0.3	25	1	US-09-827-998-1153	Sequence 1153, Ap	C 246	17.8	0.3	22	1	US-10-112-653-877	Sequence 877, Appl
C 174	18.6	0.3	25	1	US-10-060-756A-2118	Sequence 2118, Ap	C 247	17.8	0.3	22	1	US-10-017-995-908	Sequence 908, Appl
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C 177	18.4	0.3	20	1	US-09-956-712-74	Sequence 74, Appl	C 250	17.8	0.3	22	1	US-10-766-590-4	Sequence 4, Appl
C 178	18.4	0.3	20	1	US-10-633-913-74	Sequence 74, Appl	C 251	17.8	0.3	24	1	US-10-374-307-8	Sequence 8, Appl
C 179	18.4	0.3	24	1	US-10-344-741-21	Sequence 21, Appl	C 252	17.8	0.3	24	1	US-10-374-307-11	Sequence 11, Appl

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C 256	17.8	0.3	50	1	US-10-131-827-502	Sequence 502, App	C 329	16.4	0.3	18	1	US-09-263-959-873	Sequence 873, App
C 257	17.6	0.3	21	1	US-10-270-829-76	Sequence 76, Appl	C 330	16.4	0.3	18	1	US-10-011-204-3	Sequence 3, Appl1
C 258	17.6	0.3	24	1	US-09-915-152-9	Sequence 9, Appl1	C 331	16.4	0.3	18	1	US-10-011-204-3	Sequence 3, Appl1
C 259	17.6	0.3	24	1	US-09-405-032-21	Sequence 21, Appl	C 332	16.4	0.3	18	1	US-10-077-383-31	Sequence 31, Appl
C 260	17.6	0.3	24	1	US-10-309-775A-20	Sequence 20, Appl	C 333	16.4	0.3	18	1	US-10-027-632-178630	Sequence 32, Appl
C 261	17.6	0.3	24	1	US-10-309-775A-21	Sequence 21, Appl	C 334	16.4	0.3	19	1	US-10-027-632-178630	Sequence 178630,
C 262	17.6	0.3	24	1	US-10-309-775A-22	Sequence 22, Appl	C 335	16.4	0.3	19	1	US-10-027-632-178630	Sequence 178630,
C 263	17.6	0.3	24	1	US-10-766-118-9	Sequence 9, Appl1	C 336	16.4	0.3	19	1	US-10-027-632-178630	Sequence 178630,
C 264	17.6	0.3	25	1	US-09-866-108-4831	Sequence 4831, Ap	C 337	16.4	0.3	19	1	US-10-027-632-178630	Sequence 178630,
C 265	17.6	0.3	25	1	US-09-866-108-4832	Sequence 4832, Ap	C 338	16.4	0.3	19	1	US-10-027-632-178630	Sequence 178630,
C 266	17.6	0.3	25	1	US-09-866-108-12949	Sequence 12949, A	C 339	16.4	0.3	20	1	US-09-752-639-40	Sequence 40, Appl
C 267	17.6	0.3	25	1	US-09-866-108-12950	Sequence 12950, A	C 340	16.4	0.3	20	1	US-09-984-199-40	Sequence 40, Appl
C 268	17.6	0.3	25	1	US-09-866-108-13290	Sequence 13290, A	C 341	16.4	0.3	20	1	US-10-289-762-4847	Sequence 4847, Ap
C 269	17.6	0.3	25	1	US-09-866-108-13292	Sequence 13292, A	C 342	16.4	0.3	20	1	US-10-210-479-33	Sequence 33, Appl
C 270	17.6	0.3	25	1	US-09-827-998-1152	Sequence 1152, Ap	C 343	16.4	0.3	20	1	US-10-210-479-101	Sequence 101, App
C 271	17.6	0.3	25	1	US-09-827-998-1154	Sequence 1154, Ap	C 344	16.4	0.3	20	1	US-10-380-132-65	Sequence 65, Appl
C 272	17.6	0.3	25	1	US-09-751-100B-103	Sequence 103, App	C 345	16.4	0.3	20	1	US-10-292-312-14	Sequence 14, Appl
C 273	17.6	0.3	25	1	US-10-060-756A-2117	Sequence 2117, Ap	C 346	16.4	0.3	20	1	US-10-292-312-52	Sequence 52, App
C 274	17.6	0.3	25	1	US-10-215-112-3462	Sequence 3462, Ap	C 347	16.4	0.3	21	1	US-10-184-085A-166	Sequence 166, App
C 275	17.6	0.3	25	1	US-10-098-263B-40793	Sequence 40793, A	C 348	16.4	0.3	21	1	US-10-184-085A-234	Sequence 234, App
C 276	17.6	0.3	25	1	US-10-098-263B-121043	Sequence 121043, A	C 349	16.4	0.3	21	1	US-10-184-085A-827	Sequence 827, App
C 277	17.6	0.3	25	1	US-10-098-263B-127078	Sequence 127078, A	C 350	16.4	0.3	21	1	US-10-184-085A-828	Sequence 828, App
C 278	17.6	0.3	25	1	US-10-098-263B-128314	Sequence 128314, A	C 351	16.4	0.3	21	1	US-10-184-085A-866	Sequence 866, App
C 279	17.6	0.3	25	1	US-10-675-685-1152	Sequence 1152, Ap	C 352	16.4	0.3	21	1	US-10-184-085A-901	Sequence 901, App
C 280	17.6	0.3	25	1	US-10-675-685-1154	Sequence 1154, Ap	C 353	16.4	0.3	21	1	US-10-184-085A-937	Sequence 937, App
C 281	17.6	0.3	25	1	US-10-723-361-4831	Sequence 4831, Ap	C 354	16.4	0.3	21	1	US-10-184-085A-840	Sequence 840, App
C 282	17.6	0.3	25	1	US-10-723-361-4832	Sequence 4832, Ap	C 355	16.2	0.3	21	1	US-09-888-326-840	Sequence 840, App
C 283	17.6	0.3	25	1	US-10-723-361-12949	Sequence 12949, A	C 356	16.2	0.3	21	1	US-09-912-014-2	Sequence 2, Appl1
C 284	17.6	0.3	25	1	US-10-723-361-12950	Sequence 12950, A	C 357	16.2	0.3	21	1	US-09-776-479-912	Sequence 912, App
C 285	17.6	0.3	25	1	US-10-723-361-13290	Sequence 13290, A	C 358	16.2	0.3	21	1	US-10-112-653-881	Sequence 881, App
C 286	17.6	0.3	25	1	US-10-723-361-13292	Sequence 13292, A	C 359	16.2	0.3	21	1	US-10-017-995-912	Sequence 912, App
C 287	17.4	0.3	15	1	US-10-349-143-5847	Sequence 5847, Ap	C 360	16.2	0.3	21	1	US-10-017-995-912	Sequence 912, App
C 288	17.4	0.3	20	1	US-10-116-949-38	Sequence 38, Appl	C 361	16.2	0.3	21	1	US-10-206-839-108	Sequence 108, App
C 289	17.4	0.3	20	1	US-10-077-383-29	Sequence 29, Appl	C 362	16.2	0.3	21	1	US-10-184-085A-247	Sequence 247, App
C 290	17.4	0.3	20	1	US-10-276-491-3	Sequence 3, Appl1	C 363	16.2	0.3	21	1	US-10-371-066-2	Sequence 2, Appl1
C 291	17.4	0.3	20	1	US-10-280-183A-440	Sequence 440, App	C 364	16.2	0.3	21	1	US-10-170-172-2	Sequence 2, Appl1
C 292	17.4	0.3	20	1	US-10-280-183A-462	Sequence 462, App	C 365	16.2	0.3	21	1	US-10-144-179A-41	Sequence 41, Appl
C 293	17.4	0.3	20	1	US-10-661-088-17	Sequence 17, Appl	C 366	16.2	0.3	21	1	US-10-314-578-912	Sequence 912, App
C 294	17.4	0.3	20	1	US-10-661-088-18	Sequence 18, Appl	C 367	16.2	0.3	21	1	US-10-418-182-106	Sequence 106, App
C 295	17.4	0.3	20	1	US-10-661-097-17	Sequence 17, Appl	C 368	16.2	0.3	21	1	US-10-349-143-10355	Sequence 10355, A
C 296	17.4	0.3	20	1	US-10-661-097-18	Sequence 18, Appl	C 369	16.2	0.3	21	1	US-10-410-031-189	Sequence 189, App
C 297	17.4	0.3	20	1	US-10-661-355-17	Sequence 17, Appl	C 370	16.2	0.3	21	1	US-10-435-489-41	Sequence 41, Appl
C 298	17.4	0.3	20	1	US-10-661-355-18	Sequence 18, Appl	C 371	16.2	0.3	21	1	US-10-278-760-2	Sequence 2, Appl1
C 299	17.4	0.3	20	1	US-10-661-099-17	Sequence 17, Appl	C 372	16.2	0.3	21	1	US-10-786-720-11734	Sequence 11734, A
C 300	17.4	0.3	20	1	US-10-661-099-18	Sequence 18, Appl	C 373	16.2	0.3	21	1	US-10-786-720-11735	Sequence 11735, A
C 301	17.4	0.3	21	1	US-10-184-085A-201	Sequence 201, App	C 374	16.2	0.3	21	1	US-10-786-720-11736	Sequence 11736, A
C 302	17.4	0.3	21	1	US-10-184-085A-235	Sequence 235, App	C 375	16.2	0.3	21	1	US-10-786-720-13933	Sequence 13933, A
C 303	17.4	0.3	21	1	US-10-184-085A-236	Sequence 236, App	C 376	16.2	0.3	22	1	US-10-357-488-6	Sequence 6, Appl1
C 304	17.4	0.3	21	1	US-10-184-085A-237	Sequence 237, App	C 377	16.2	0.3	23	1	US-09-803-165-12	Sequence 12, Appl
C 305	17.4	0.3	21	1	US-10-184-085A-273	Sequence 273, App	C 378	15.8	0.3	19	1	US-09-925-548-81	Sequence 81, Appl1
C 306	17.4	0.3	22	1	US-10-270-839-75	Sequence 75, App	C 379	15.8	0.3	20	1	US-09-563-728A-6	Sequence 6, Appl1
C 307	17.4	0.3	22	1	US-10-280-183A-358	Sequence 358, App	C 380	15.8	0.3	20	1	US-09-563-728A-15	Sequence 15, App
C 308	17.2	0.3	22	1	US-10-216-122-94	Sequence 94, Appl	C 381	15.8	0.3	20	1	US-09-975-123-23	Sequence 23, Appl
C 309	17.2	0.3	22	1	US-10-335-573-6	Sequence 6, Appl1	C 382	15.8	0.3	20	1	US-09-993-721-82	Sequence 82, Appl
C 310	17.2	0.3	23	1	US-09-426-548-126	Sequence 126, App	C 383	15.8	0.3	20	1	US-10-067-125-62	Sequence 62, Appl
C 311	17.2	0.3	24	1	US-09-749-728B-43	Sequence 43, Appl	C 384	15.8	0.3	20	1	US-10-145-493B-51	Sequence 51, Appl
C 312	17.2	0.3	24	1	US-09-940-185-2717	Sequence 2717, Ap	C 385	15.8	0.3	20	1	US-10-371-474-63	Sequence 63, Appl
C 313	17.2	0.3	24	1	US-10-081-969-18	Sequence 18, Appl	C 386	15.8	0.3	20	1	US-10-238-442-65	Sequence 65, Appl
C 314	17.2	0.3	24	1	US-10-002-536A-3	Sequence 3, Appl1	C 387	15.8	0.3	20	1	US-10-160-786-51	Sequence 51, App
C 315	17.2	0.3	24	1	US-10-002-536A-4	Sequence 4, Appl1	C 388	15.8	0.3	20	1	US-10-160-786-51	Sequence 51, App
C 316	17.2	0.3	24	1	US-10-093-628B-74	Sequence 74, Appl	C 389	15.8	0.3	20	1	US-10-309-775A-72	Sequence 72, Appl
C 317	17.2	0.3	24	1	US-10-309-775A-25	Sequence 25, Appl	C 390	15.8	0.3	20	1	US-10-210-290-97	Sequence 97, Appl
C 318	16.8	0.3	20	1	US-09-969-852-11	Sequence 11, Appl	C 391	15.8	0.3	20	1	US-10-210-290-97	Sequence 97, Appl
C 319	16.8	0.3	20	1	US-09-925-139-24	Sequence 24, Appl	C 392	15.8	0.3	20	1	US-10-380-126-38	Sequence 38, Appl
C 320	16.8	0.3	20	1	US-09-998-716-13	Sequence 13, Appl	C 393	15.8	0.3	20	1	US-10-320-893-3	Sequence 3, Appl1
C 321	16.8	0.3	20	1	US-09-976-782-72	Sequence 72, Appl	C 394	15.8	0.3	20	1	US-10-667-022-51	Sequence 51, Appl
C 322	16.8	0.3	20	1	US-10-181-177-85	Sequence 85, Appl	C 395	15.8	0.3	20	1	US-10-667-022-119	Sequence 119, App
C 323	16.8	0.3	20	1	US-10-331-907-78	Sequence 78, Appl	C 396	15.8	0.3	20	1	US-10-210-802-22	Sequence 22, Appl
C 324	16.8	0.3	20	1	US-10-448-836-158	Sequence 158, App	C 397	15.8	0.3	20	1	US-10-210-802-97	Sequence 97, Appl
C 325	16.8	0.3	20	1	US-10-448-914A-158	Sequence 158, App	C 398	15.8	0.3	20	1	US-10-300-611-61	Sequence 61, Appl

C 399	15.8	0.3	20	1	US-10-300-611-125	Sequence 125, App	C 472	15.4	0.3	19	1	US-10-328-861-9	Sequence 9, App1
C 400	15.8	0.3	20	1	US-10-315-962-67	Sequence 67, App1	C 473	15.4	0.3	19	1	US-10-328-861-10	Sequence 10, App1
C 401	15.8	0.3	20	1	US-10-317-270-81	Sequence 81, App1	C 474	15.4	0.3	20	1	US-09-944-411-42	Sequence 42, App1
C 402	15.8	0.3	20	1	US-10-449-741B-32	Sequence 32, App1	C 475	15.4	0.3	20	1	US-09-931-375A-20	Sequence 20, App1
C 403	15.8	0.3	20	1	US-10-641-455A-65	Sequence 65, App1	C 476	15.4	0.3	20	1	US-09-563-728A-7	Sequence 7, App1
C 404	15.8	0.3	21	1	US-09-888-326-240	Sequence 240, App	C 477	15.4	0.3	20	1	US-09-563-728A-16	Sequence 16, App1
C 405	15.8	0.3	21	1	US-09-938-689-26	Sequence 26, App1	C 478	15.4	0.3	20	1	US-09-956-712-81	Sequence 81, App1
C 406	15.8	0.3	21	1	US-09-932-300-8	Sequence 8, App1	C 479	15.4	0.3	20	1	US-09-864-636A-2582	Sequence 2582, Ap
C 407	15.8	0.3	21	1	US-09-776-479-780	Sequence 780, App	C 480	15.4	0.3	20	1	US-09-864-426A-2582	Sequence 2582, Ap
C 408	15.8	0.3	21	1	US-09-776-479-780	Sequence 780, App	C 481	15.4	0.3	20	1	US-10-181-177-168	Sequence 168, Ap
C 409	15.8	0.3	21	1	US-10-112-653-753	Sequence 753, App	C 482	15.4	0.3	20	1	US-10-145-493B-52	Sequence 52, App1
C 410	15.8	0.3	21	1	US-10-085-906-446	Sequence 446, App	C 483	15.4	0.3	20	1	US-10-279-186-74	Sequence 74, App1
C 411	15.8	0.3	21	1	US-10-017-995-780	Sequence 446, App	C 484	15.4	0.3	20	1	US-10-084-839-2582	Sequence 2582, Ap
C 412	15.8	0.3	21	1	US-10-184-085A-163	Sequence 163, App	C 485	15.4	0.3	20	1	US-10-260-516-42	Sequence 42, App1
C 413	15.8	0.3	21	1	US-10-184-085A-164	Sequence 164, App	C 486	15.4	0.3	20	1	US-10-289-762-2624	Sequence 2624, Ap
C 414	15.8	0.3	21	1	US-10-184-085A-199	Sequence 199, App	C 487	15.4	0.3	20	1	US-10-429-9-38	Sequence 38, App1
C 415	15.8	0.3	21	1	US-10-184-085A-200	Sequence 199, App	C 488	15.4	0.3	20	1	US-10-210-429-109	Sequence 109, App
C 416	15.8	0.3	21	1	US-10-184-085A-271	Sequence 271, App	C 489	15.4	0.3	20	1	US-10-462-261-74	Sequence 24, App1
C 417	15.8	0.3	21	1	US-10-184-085A-272	Sequence 272, App	C 490	15.4	0.3	20	1	US-10-633-913-81	Sequence 81, App1
C 418	15.8	0.3	21	1	US-10-235-079B-7	Sequence 7, App1	C 491	15.4	0.3	20	1	US-10-623-272-9	Sequence 9, App1
C 419	15.8	0.3	21	1	US-10-096-578-45	Sequence 45, App1	C 492	15.4	0.3	20	1	US-10-418-251-7	Sequence 382, App
C 420	15.8	0.3	21	1	US-10-314-578-780	Sequence 780, App	C 493	15.4	0.3	20	1	US-10-307-817-382	Sequence 7, App1
C 421	15.8	0.3	21	1	US-10-388-263-920	Sequence 920, App	C 494	15.4	0.3	21	1	US-09-977-418-53	Sequence 53, App1
C 422	15.8	0.3	21	1	US-10-173-208-6	Sequence 6, App1	C 495	15.4	0.3	21	1	US-09-977-033A-53	Sequence 53, App1
C 423	15.8	0.3	21	1	US-10-173-208-6	Sequence 6, App1	C 496	15.4	0.3	21	1	US-09-977-751C-53	Sequence 53, App1
C 424	15.8	0.3	21	1	US-10-252-155-418	Sequence 418, App	C 497	15.4	0.3	21	1	US-09-977-819B-53	Sequence 53, App1
C 425	15.8	0.3	21	1	US-10-646-436-27	Sequence 27, App1	C 498	15.4	0.3	21	1	US-10-076-900-34	Sequence 34, App1
C 426	15.8	0.3	21	1	US-10-654-253-13	Sequence 13, App1	C 499	15.4	0.3	21	1	US-10-247-893-6	Sequence 6, App1
C 427	15.8	0.3	21	1	US-10-786-720-198	Sequence 1498, Ap	C 500	15.4	0.3	21	1	US-10-184-085A-233	Sequence 233, App
C 428	15.8	0.3	21	1	US-10-786-720-199	Sequence 1499, Ap	C 501	15.4	0.3	21	1	US-10-184-085A-826	Sequence 826, App
C 429	15.8	0.3	21	1	US-10-786-720-1500	Sequence 1500, Ap	C 502	15.4	0.3	21	1	US-10-184-085A-939	Sequence 939, App
C 430	15.8	0.3	21	1	US-10-786-720-12049	Sequence 12049, A	C 503	15.4	0.3	21	1	US-10-133-937-99	Sequence 99, App1
C 431	15.8	0.3	21	1	US-10-809-757-3	Sequence 3, App1	C 504	15.4	0.3	21	1	US-10-178-258-6	Sequence 6, App1
C 432	15.8	0.3	21	1	US-10-809-757-10	Sequence 10, App1	C 505	15.4	0.3	21	1	US-10-349-143-11559	Sequence 11559, A
C 433	15.8	0.3	22	1	US-10-158-160A-24	Sequence 24, App1	C 506	15.4	0.3	21	1	US-10-159-563-89	Sequence 89, App1
C 434	15.8	0.3	22	1	US-10-091-281-326	Sequence 326, App	C 507	15.4	0.3	21	1	US-10-646-436-28	Sequence 28, App1
C 435	15.8	0.3	50	1	US-10-131-821-7915	Sequence 7915, Ap	C 508	15.4	0.3	21	1	US-10-314-321A-56	Sequence 56, App1
C 436	15.6	0.3	22	1	US-09-263-959-610	Sequence 610, App	C 509	15.4	0.3	22	1	US-10-309-290-190	Sequence 190, App
C 437	15.6	0.3	22	1	US-09-776-479-61	Sequence 61, App1	C 510	15.4	0.3	22	1	US-10-202-162A-15	Sequence 15, App1
C 438	15.6	0.3	22	1	US-09-776-479-61	Sequence 61, App1	C 511	15.4	0.3	22	1	US-10-202-162A-15	Sequence 15, App1
C 439	15.6	0.3	22	1	US-10-044-592-49	Sequence 49, App1	C 512	15.2	0.3	20	1	US-09-916-369A-3	Sequence 3, App1
C 440	15.6	0.3	22	1	US-10-112-653-55	Sequence 55, App1	C 513	15.2	0.3	20	1	US-09-916-369A-1	Sequence 1, App1
C 441	15.6	0.3	22	1	US-10-017-995-61	Sequence 61, App1	C 514	15.2	0.3	20	1	US-09-916-369A-3	Sequence 3, App1
C 442	15.6	0.3	22	1	US-10-191-436-10	Sequence 10, App1	C 515	15.2	0.3	20	1	US-09-820-339A-22	Sequence 22, App1
C 443	15.6	0.3	22	1	US-10-147-920-3	Sequence 3, App1	C 516	15.2	0.3	20	1	US-09-973-788A-55	Sequence 55, App1
C 444	15.6	0.3	22	1	US-10-096-578-34	Sequence 34, App1	C 517	15.2	0.3	20	1	US-09-969-373-2927	Sequence 2927, Ap
C 445	15.6	0.3	22	1	US-10-314-578-61	Sequence 61, App1	C 518	15.2	0.3	20	1	US-09-976-617A-55	Sequence 55, App1
C 446	15.6	0.3	22	1	US-10-213-796-13	Sequence 13, App1	C 519	15.2	0.3	20	1	US-09-976-617A-55	Sequence 55, App1
C 447	15.6	0.3	22	1	US-10-714-508-1	Sequence 1, App1	C 520	15.2	0.3	20	1	US-09-976-617A-55	Sequence 55, App1
C 448	15.6	0.3	22	1	US-10-781-055-9	Sequence 9, App1	C 521	15.2	0.3	20	1	US-09-961-949A-55	Sequence 55, App1
C 449	15.4	0.3	17	1	US-09-263-959-488	Sequence 488, App	C 522	15.2	0.3	20	1	US-09-747-429-11	Sequence 11, App1
C 450	15.4	0.3	17	1	US-09-263-959-576	Sequence 576, App	C 523	15.2	0.3	20	1	US-09-263-959-894	Sequence 894, App
C 451	15.4	0.3	17	1	US-09-263-959-584	Sequence 584, App	C 524	15.2	0.3	20	1	US-09-263-959-1113	Sequence 1113, Ap
C 452	15.4	0.3	17	1	US-09-792-818-508	Sequence 508, App	C 525	15.2	0.3	20	1	US-09-760-500A-55	Sequence 55, App1
C 453	15.4	0.3	17	1	US-10-138-674-6931	Sequence 6931, Ap	C 526	15.2	0.3	20	1	US-09-967-409A-55	Sequence 55, App1
C 454	15.4	0.3	17	1	US-10-287-949A-6931	Sequence 6931, Ap	C 527	15.2	0.3	20	1	US-09-975-062A-55	Sequence 55, App1
C 455	15.4	0.3	18	1	US-09-918-186A-78	Sequence 38, App1	C 528	15.2	0.3	20	1	US-09-975-062A-55	Sequence 55, App1
C 456	15.4	0.3	18	1	US-09-918-186A-78	Sequence 38, App1	C 529	15.2	0.3	20	1	US-09-976-378A-55	Sequence 55, App1
C 457	15.4	0.3	18	1	US-09-918-186A-129	Sequence 129, App	C 530	15.2	0.3	20	1	US-09-976-378A-55	Sequence 55, App1
C 458	15.4	0.3	18	1	US-09-904-744-5	Sequence 5, App1	C 531	15.2	0.3	20	1	US-09-771-554-5	Sequence 5, App1
C 459	15.4	0.3	18	1	US-09-904-744-5	Sequence 5, App1	C 532	15.2	0.3	20	1	US-09-978-255A-577	Sequence 577, App
C 460	15.4	0.3	18	1	US-10-181-316-38	Sequence 38, App1	C 533	15.2	0.3	20	1	US-09-975-458-55	Sequence 55, App1
C 461	15.4	0.3	18	1	US-10-181-316-78	Sequence 78, App1	C 534	15.2	0.3	20	1	US-09-966-312-55	Sequence 55, App1
C 462	15.4	0.3	18	1	US-10-181-316-129	Sequence 129, App	C 535	15.2	0.3	20	1	US-09-978-697-577	Sequence 577, App
C 463	15.4	0.3	18	1	US-10-335-059-5	Sequence 5, App1	C 536	15.2	0.3	20	1	US-09-927-777A-55	Sequence 55, App1
C 464	15.4	0.3	18	1	US-10-349-143-7215	Sequence 7215, Ap	C 537	15.2	0.3	20	1	US-09-927-777A-70	Sequence 70, App1
C 465	15.4	0.3	18	1	US-10-349-143-11501	Sequence 11501, A	C 538	15.2	0.3	20	1	US-09-978-152A-577	Sequence 577, App
C 466	15.4	0.3	19	1	US-08-110-161A-9	Sequence 9, App1	C 539	15.2	0.3	20	1	US-09-966-451A-55	Sequence 55, App1
C 467	15.4	0.3	19	1	US-08-110-161A-10	Sequence 10, App1	C 540	15.2	0.3	20	1	US-09-976-971A-55	Sequence 55, App1
C 468	15.4	0.3	19	1	US-10-117-586C-74	Sequence 74, App1	C 541	15.2	0.3	20	1	US-09-999-832A-577	Sequence 577, App
C 469	15.4	0.3	19	1	US-10-225-023-503	Sequence 503, App	C 542	15.2	0.3	20	1	US-09-978-189-577	Sequence 577, App
C 470	15.4	0.3	19	1	US-10-225-023-1241	Sequence 1241, Ap	C 543	15.2	0.3	20	1	US-09-880-505-83	Sequence 83, App1
C 471	15.4	0.3	19	1	US-10-367-438-331	Sequence 331, App	C 544	15.2	0.3	20	1	US-09-820-279B-55	Sequence 55, App1

545	15.2	0.3	20	1	US-09-888-326-2	Sequence 2, App11	618	15.2	0.3	20	1	US-10-017-995-560	Sequence 560, App
546	15.2	0.3	20	1	US-09-888-326-601	Sequence 601, App	619	15.2	0.3	20	1	US-10-017-995-772	Sequence 772, App
547	15.2	0.3	20	1	US-09-888-326-838	Sequence 838, App	620	15.2	0.3	20	1	US-10-167-749-577	Sequence 577, App
548	15.2	0.3	20	1	US-09-888-326-839	Sequence 839, App	621	15.2	0.3	20	1	US-10-158-160A-48	Sequence 48, App1
549	15.2	0.3	20	1	US-09-931-375A-48	Sequence 48, App1	622	15.2	0.3	20	1	US-10-013-929A-577	Sequence 577, App
550	15.2	0.3	20	1	US-09-981-344-55	Sequence 55, App1	623	15.2	0.3	20	1	US-10-016-177A-577	Sequence 177, App
551	15.2	0.3	20	1	US-09-978-608A-577	Sequence 577, App	624	15.2	0.3	20	1	US-10-188-405-18	Sequence 18, App1
552	15.2	0.3	20	1	US-09-865-866-169	Sequence 169, App	625	15.2	0.3	20	1	US-10-194-138-32	Sequence 32, App1
553	15.2	0.3	20	1	US-09-957-318A-55	Sequence 55, App1	626	15.2	0.3	20	1	US-10-008-978-55	Sequence 55, App1
554	15.2	0.3	20	1	US-09-974-500A-55	Sequence 55, App1	627	15.2	0.3	20	1	US-10-008-978-70	Sequence 70, App1
555	15.2	0.3	20	1	US-09-978-585A-577	Sequence 577, App	628	15.2	0.3	20	1	US-10-166-709A-577	Sequence 577, App
556	15.2	0.3	20	1	US-09-978-191A-577	Sequence 577, App	629	15.2	0.3	20	1	US-10-188-404-66	Sequence 66, App1
557	15.2	0.3	20	1	US-09-978-403A-577	Sequence 577, App	630	15.2	0.3	20	1	US-10-046-313-18	Sequence 18, App1
558	15.2	0.3	20	1	US-09-978-564A-577	Sequence 577, App	631	15.2	0.3	20	1	US-10-234-764-10	Sequence 10, App1
559	15.2	0.3	20	1	US-09-975-376A-55	Sequence 55, App1	632	15.2	0.3	20	1	US-10-173-225B-104	Sequence 104, App
560	15.2	0.3	20	1	US-09-999-833A-577	Sequence 577, App	633	15.2	0.3	20	1	US-10-010-002-61	Sequence 61, App1
561	15.2	0.3	20	1	US-09-981-915A-577	Sequence 577, App	634	15.2	0.3	20	1	US-10-255-434-14	Sequence 14, App1
562	15.2	0.3	20	1	US-09-978-824-577	Sequence 577, App	635	15.2	0.3	20	1	US-10-255-434-26	Sequence 26, App1
563	15.2	0.3	20	1	US-09-957-313A-55	Sequence 55, App1	636	15.2	0.3	20	1	US-10-143-031A-577	Sequence 577, App
564	15.2	0.3	20	1	US-09-912-014-16	Sequence 16, App1	637	15.2	0.3	20	1	US-10-027-983-90	Sequence 90, App1
565	15.2	0.3	20	1	US-09-918-585A-577	Sequence 577, App	638	15.2	0.3	20	1	US-10-278-047-1	Sequence 1, App1
566	15.2	0.3	20	1	US-09-997-672-40	Sequence 40, App1	639	15.2	0.3	20	1	US-10-143-030A-577	Sequence 577, App
567	15.2	0.3	20	1	US-09-999-834A-577	Sequence 577, App	640	15.2	0.3	20	1	US-10-002-967A-577	Sequence 577, App
568	15.2	0.3	20	1	US-09-976-863A-55	Sequence 55, App1	641	15.2	0.3	20	1	US-10-017-083A-577	Sequence 577, App
569	15.2	0.3	20	1	US-09-978-423A-577	Sequence 577, App	642	15.2	0.3	20	1	US-10-145-128A-577	Sequence 577, App
570	15.2	0.3	20	1	US-09-881-535-2	Sequence 2, App11	643	15.2	0.3	20	1	US-10-371-066-16	Sequence 16, App1
571	15.2	0.3	20	1	US-09-978-193A-577	Sequence 27, App1	644	15.2	0.3	20	1	US-10-054-789-19	Sequence 19, App1
572	15.2	0.3	20	1	US-09-952-464A-27	Sequence 577, App	645	15.2	0.3	20	1	US-10-017-191A-577	Sequence 577, App
573	15.2	0.3	20	1	US-09-999-830A-577	Sequence 577, App	646	15.2	0.3	20	1	US-10-143-028A-577	Sequence 577, App
574	15.2	0.3	20	1	US-09-978-757A-577	Sequence 577, App	647	15.2	0.3	20	1	US-10-143-029A-577	Sequence 577, App
575	15.2	0.3	20	1	US-09-776-479-226	Sequence 226, App	648	15.2	0.3	20	1	US-10-410-324-55	Sequence 55, App1
576	15.2	0.3	20	1	US-09-776-479-226	Sequence 226, App	649	15.2	0.3	20	1	US-10-145-089A-577	Sequence 577, App
577	15.2	0.3	20	1	US-09-776-479-556	Sequence 556, App	650	15.2	0.3	20	1	US-10-032-585-450	Sequence 4760, App
578	15.2	0.3	20	1	US-09-776-479-556	Sequence 556, App	651	15.2	0.3	20	1	US-10-165-067A-577	Sequence 577, App
579	15.2	0.3	20	1	US-09-776-479-560	Sequence 560, App	652	15.2	0.3	20	1	US-10-145-017A-577	Sequence 577, App
580	15.2	0.3	20	1	US-09-776-479-560	Sequence 560, App	653	15.2	0.3	20	1	US-10-164-728A-577	Sequence 577, App
581	15.2	0.3	20	1	US-09-776-479-772	Sequence 772, App	654	15.2	0.3	20	1	US-10-013-928A-577	Sequence 577, App
582	15.2	0.3	20	1	US-09-978-187B-577	Sequence 577, App	655	15.2	0.3	20	1	US-10-165-247A-577	Sequence 577, App
583	15.2	0.3	20	1	US-09-978-643A-577	Sequence 577, App	656	15.2	0.3	20	1	US-10-145-124A-577	Sequence 577, App
584	15.2	0.3	20	1	US-09-976-601A-55	Sequence 55, App1	657	15.2	0.3	20	1	US-10-160-502A-577	Sequence 577, App
585	15.2	0.3	20	1	US-09-976-607-45	Sequence 45, App1	658	15.2	0.3	20	1	US-10-145-088A-577	Sequence 577, App
586	15.2	0.3	20	1	US-09-978-375A-577	Sequence 577, App	659	15.2	0.3	20	1	US-10-013-922A-577	Sequence 577, App
587	15.2	0.3	20	1	US-09-978-298A-577	Sequence 577, App	660	15.2	0.3	20	1	US-10-020-924A-577	Sequence 577, App
588	15.2	0.3	20	1	US-09-978-188A-577	Sequence 577, App	661	15.2	0.3	20	1	US-10-017-084A-577	Sequence 577, App
589	15.2	0.3	20	1	US-09-978-803A-577	Sequence 577, App	662	15.2	0.3	20	1	US-10-164-829A-577	Sequence 577, App
590	15.2	0.3	20	1	US-09-976-782-56	Sequence 56, App1	663	15.2	0.3	20	1	US-10-164-928A-577	Sequence 577, App
591	15.2	0.3	20	1	US-09-976-782-56	Sequence 56, App1	664	15.2	0.3	20	1	US-10-013-922A-577	Sequence 577, App
592	15.2	0.3	20	1	US-09-978-681A-577	Sequence 577, App	665	15.2	0.3	20	1	US-10-013-924A-577	Sequence 577, App
593	15.2	0.3	20	1	US-09-978-194A-577	Sequence 577, App	666	15.2	0.3	20	1	US-10-167-600-577	Sequence 577, App
594	15.2	0.3	20	1	US-09-999-829A-577	Sequence 577, App	667	15.2	0.3	20	1	US-10-170-481A-577	Sequence 577, App
595	15.2	0.3	20	1	US-09-978-299A-577	Sequence 577, App	668	15.2	0.3	20	1	US-10-145-088A-577	Sequence 577, App
596	15.2	0.3	20	1	US-09-978-544A-577	Sequence 577, App	669	15.2	0.3	20	1	US-10-145-092A-577	Sequence 577, App
597	15.2	0.3	20	1	US-09-978-665A-577	Sequence 577, App	670	15.2	0.3	20	1	US-10-145-129A-577	Sequence 577, App
598	15.2	0.3	20	1	US-09-978-803A-577	Sequence 577, App	671	15.2	0.3	20	1	US-10-017-084A-577	Sequence 577, App
599	15.2	0.3	20	1	US-09-999-831A-577	Sequence 577, App	672	15.2	0.3	20	1	US-10-165-038A-577	Sequence 577, App
600	15.2	0.3	20	1	US-09-994-701B-5	Sequence 5, App11	673	15.2	0.3	20	1	US-10-165-353A-577	Sequence 577, App
601	15.2	0.3	20	1	US-09-994-701B-6	Sequence 6, App11	674	15.2	0.3	20	1	US-10-167-600-577	Sequence 577, App
602	15.2	0.3	20	1	US-10-208-357-26	Sequence 26, App1	675	15.2	0.3	20	1	US-10-170-481A-577	Sequence 577, App
603	15.2	0.3	20	1	US-10-051-643-83	Sequence 83, App1	676	15.2	0.3	20	1	US-10-017-028A-577	Sequence 577, App
604	15.2	0.3	20	1	US-10-025-201-13	Sequence 13, App1	677	15.2	0.3	20	1	US-10-017-084A-577	Sequence 577, App
605	15.2	0.3	20	1	US-10-176-055-11	Sequence 11, App1	678	15.2	0.3	20	1	US-10-013-916A-577	Sequence 577, App
606	15.2	0.3	20	1	US-10-057-550-126	Sequence 126, App	679	15.2	0.3	20	1	US-10-266-983-55	Sequence 55, App1
607	15.2	0.3	20	1	US-10-117-267-1	Sequence 1, App11	680	15.2	0.3	20	1	US-10-266-983-70	Sequence 70, App1
608	15.2	0.3	20	1	US-10-017-081A-577	Sequence 577, App	681	15.2	0.3	20	1	US-10-448-836-217	Sequence 217, App
609	15.2	0.3	20	1	US-10-112-653-218	Sequence 218, App	682	15.2	0.3	20	1	US-10-148-835-52	Sequence 52, App1
610	15.2	0.3	20	1	US-10-112-653-533	Sequence 533, App	683	15.2	0.3	20	1	US-10-143-028B-577	Sequence 577, App
611	15.2	0.3	20	1	US-10-112-653-537	Sequence 537, App	684	15.2	0.3	20	1	US-10-013-918A-577	Sequence 577, App
612	15.2	0.3	20	1	US-10-112-653-745	Sequence 745, App	685	15.2	0.3	20	1	US-10-162-521A-577	Sequence 577, App
613	15.2	0.3	20	1	US-10-077-383-5	Sequence 5, App11	686	15.2	0.3	20	1	US-10-448-753-90	Sequence 90, App1
614	15.2	0.3	20	1	US-10-077-383-6	Sequence 6, App11	687	15.2	0.3	20	1	US-10-314-578-226	Sequence 226, App
615	15.2	0.3	20	1	US-10-017-995-226	Sequence 226, App	688	15.2	0.3	20	1	US-10-314-578-556	Sequence 556, App
616	15.2	0.3	20	1	US-10-017-995-556	Sequence 556, App	689	15.2	0.3	20	1	US-10-314-578-560	Sequence 560, App
617	15.2	0.3	20	1	US-10-017-995-556	Sequence 556, App	690	15.2	0.3	20	1	US-10-314-578-560	Sequence 560, App

C 631	15.2	0.3	20	1	US-10-314-578-772	Sequence 772, App	C 764	15.2	0.3	20	1	US-10-671-395-199	Sequence 199, App
C 632	15.2	0.3	20	1	US-10-181-200-10	Sequence 10, App1	C 765	15.2	0.3	20	1	US-10-671-395-200	Sequence 200, App
C 633	15.2	0.3	20	1	US-10-181-200-15	Sequence 15, App1	C 766	15.2	0.3	20	1	US-10-671-395-201	Sequence 201, App
C 634	15.2	0.3	20	1	US-10-013-928A-577	Sequence 577, App	C 767	15.2	0.3	20	1	US-10-671-395-202	Sequence 202, App
C 635	15.2	0.3	20	1	US-10-162-522A-577	Sequence 577, App	C 768	15.2	0.3	20	1	US-10-671-395-203	Sequence 203, App
C 636	15.2	0.3	20	1	US-10-013-923A-577	Sequence 577, App	C 769	15.2	0.3	20	1	US-10-671-395-204	Sequence 204, App
C 637	15.2	0.3	20	1	US-10-181-875-83	Sequence 83, App1	C 770	15.2	0.3	20	1	US-10-671-395-205	Sequence 205, App
C 638	15.2	0.3	20	1	US-10-013-925A-577	Sequence 577, App	C 771	15.2	0.3	20	1	US-10-671-395-206	Sequence 206, App
C 639	15.2	0.3	20	1	US-10-013-927A-577	Sequence 577, App	C 772	15.2	0.3	20	1	US-10-671-395-207	Sequence 207, App
C 700	15.2	0.3	20	1	US-10-401-194-9	Sequence 9, App1	C 773	15.2	0.3	20	1	US-10-671-395-208	Sequence 208, App
C 701	15.2	0.3	20	1	US-10-448-914A-217	Sequence 217, App	C 774	15.2	0.3	20	1	US-10-671-395-262	Sequence 262, App
C 702	15.2	0.3	20	1	US-10-145-093A-577	Sequence 577, App	C 775	15.2	0.3	20	1	US-10-671-395-274	Sequence 274, App
C 703	15.2	0.3	20	1	US-10-013-919A-577	Sequence 577, App	C 776	15.2	0.3	20	1	US-10-671-395-275	Sequence 275, App
C 704	15.2	0.3	20	1	US-10-190-366-23	Sequence 23, App1	C 777	15.2	0.3	20	1	US-10-671-395-276	Sequence 276, App
C 705	15.2	0.3	20	1	US-10-190-366-86	Sequence 86, App1	C 778	15.2	0.3	20	1	US-10-671-395-277	Sequence 277, App
C 706	15.2	0.3	20	1	US-10-190-366-220	Sequence 220, App	C 779	15.2	0.3	20	1	US-10-671-395-311	Sequence 311, App
C 707	15.2	0.3	20	1	US-10-190-366-283	Sequence 283, App	C 780	15.2	0.3	20	1	US-10-671-395-338	Sequence 338, App
C 708	15.2	0.3	20	1	US-10-289-762-4302	Sequence 4302, Ap	C 781	15.2	0.3	20	1	US-10-671-395-376	Sequence 376, App
C 709	15.2	0.3	20	1	US-10-289-762-5533	Sequence 5533, Ap	C 782	15.2	0.3	20	1	US-10-671-395-403	Sequence 403, App
C 710	15.2	0.3	20	1	US-10-013-920A-577	Sequence 577, App	C 783	15.2	0.3	20	1	US-10-671-395-427	Sequence 427, App
C 711	15.2	0.3	20	1	US-10-628-841-45	Sequence 45, App1	C 784	15.2	0.3	20	1	US-10-671-395-433	Sequence 433, App
C 712	15.2	0.3	20	1	US-10-628-841-45	Sequence 45, App1	C 785	15.2	0.3	20	1	US-10-671-395-444	Sequence 444, App
C 713	15.2	0.3	20	1	US-10-164-749A-577	Sequence 577, App	C 786	15.2	0.3	20	1	US-10-671-395-487	Sequence 487, App
C 714	15.2	0.3	20	1	US-10-215-448-66	Sequence 66, App1	C 787	15.2	0.3	20	1	US-10-671-395-575	Sequence 575, App
C 715	15.2	0.3	20	1	US-10-215-448-99	Sequence 99, App1	C 788	15.2	0.3	20	1	US-10-671-395-814	Sequence 814, App
C 716	15.2	0.3	20	1	US-10-013-917A-577	Sequence 577, App	C 789	15.2	0.3	20	1	US-10-671-395-1412	Sequence 1412, App
C 717	15.2	0.3	20	1	US-10-640-618-55	Sequence 55, App1	C 790	15.2	0.3	20	1	US-10-666-909-54	Sequence 54, App1
C 718	15.2	0.3	20	1	US-10-626-772-19	Sequence 19, App1	C 791	15.2	0.3	20	1	US-10-773-951-85	Sequence 85, App1
C 719	15.2	0.3	20	1	US-10-431-341-31	Sequence 31, App1	C 792	15.2	0.3	20	1	US-10-661-088-12	Sequence 12, App1
C 720	15.2	0.3	20	1	US-10-628-066-11	Sequence 11, App1	C 793	15.2	0.3	20	1	US-10-661-088-15	Sequence 15, App1
C 721	15.2	0.3	20	1	US-10-300-820-36	Sequence 36, App1	C 794	15.2	0.3	20	1	US-10-661-097-12	Sequence 12, App1
C 722	15.2	0.3	20	1	US-10-300-820-48	Sequence 48, App1	C 795	15.2	0.3	20	1	US-10-661-097-15	Sequence 15, App1
C 723	15.2	0.3	20	1	US-10-300-820-112	Sequence 112, App	C 796	15.2	0.3	20	1	US-10-661-355-12	Sequence 12, App1
C 724	15.2	0.3	20	1	US-10-300-820-123	Sequence 123, App	C 797	15.2	0.3	20	1	US-10-661-355-15	Sequence 15, App1
C 725	15.2	0.3	20	1	US-10-304-116-66	Sequence 66, App1	C 798	15.2	0.3	20	1	US-10-661-099-12	Sequence 12, App1
C 726	15.2	0.3	20	1	US-10-304-116-125	Sequence 125, App	C 799	15.2	0.3	20	1	US-10-661-099-15	Sequence 15, App1
C 727	15.2	0.3	20	1	US-10-303-420-171	Sequence 171, App	C 800	15.2	0.3	21	1	US-09-853-386-148	Sequence 148, App
C 728	15.2	0.3	20	1	US-10-315-962-33	Sequence 33, App1	C 801	15.2	0.3	21	1	US-09-862-847-9	Sequence 9, App1
C 729	15.2	0.3	20	1	US-10-316-516-57	Sequence 57, App1	C 802	15.2	0.3	21	1	US-09-766-450-58	Sequence 58, App1
C 730	15.2	0.3	20	1	US-10-316-516-115	Sequence 115, App	C 803	15.2	0.3	21	1	US-09-997-672-41	Sequence 41, App1
C 731	15.2	0.3	20	1	US-10-316-755-20	Sequence 20, App1	C 804	15.2	0.3	21	1	US-09-792-686A-7	Sequence 7, App1
C 732	15.2	0.3	20	1	US-10-316-755-175	Sequence 175, App	C 805	15.2	0.3	21	1	US-09-754-809-4	Sequence 4, App1
C 733	15.2	0.3	20	1	US-10-317-271A-71	Sequence 71, App1	C 806	15.2	0.3	21	1	US-10-096-221-4	Sequence 4, App1
C 734	15.2	0.3	20	1	US-10-653-416-15	Sequence 15, App1	C 807	15.2	0.3	21	1	US-10-023-066A-25	Sequence 25, App1
C 735	15.2	0.3	20	1	US-10-653-416-25	Sequence 25, App1	C 808	15.2	0.3	21	1	US-10-100-321-23	Sequence 23, App1
C 736	15.2	0.3	20	1	US-10-653-416-185	Sequence 185, App	C 809	15.2	0.3	21	1	US-10-005-956-785	Sequence 785, App
C 737	15.2	0.3	20	1	US-10-716-829-55	Sequence 55, App1	C 810	15.2	0.3	21	1	US-10-005-956-786	Sequence 786, App
C 738	15.2	0.3	20	1	US-10-319-915-90	Sequence 90, App1	C 811	15.2	0.3	21	1	US-10-005-956-1026	Sequence 1026, App
C 739	15.2	0.3	20	1	US-10-319-915-165	Sequence 165, App	C 812	15.2	0.3	21	1	US-10-184-085A-122	Sequence 122, App
C 740	15.2	0.3	20	1	US-10-319-915-274	Sequence 274, App	C 813	15.2	0.3	21	1	US-10-184-085A-176	Sequence 176, App
C 741	15.2	0.3	20	1	US-10-470-030-15	Sequence 15, App1	C 814	15.2	0.3	21	1	US-10-455-109-4	Sequence 4, App1
C 742	15.2	0.3	20	1	US-10-744-831-61	Sequence 61, App1	C 815	15.2	0.3	21	1	US-10-349-143-10092	Sequence 1092, A
C 743	15.2	0.3	20	1	US-10-671-395-178	Sequence 178, App	C 816	15.2	0.3	21	1	US-10-410-031-188	Sequence 188, App
C 744	15.2	0.3	20	1	US-10-671-395-179	Sequence 179, App	C 817	15.2	0.3	21	1	US-10-410-031-190	Sequence 190, App
C 745	15.2	0.3	20	1	US-10-671-395-180	Sequence 180, App	C 818	15.2	0.3	21	1	US-10-410-031-193	Sequence 193, App
C 746	15.2	0.3	20	1	US-10-671-395-181	Sequence 181, App	C 819	15.2	0.3	21	1	US-10-236-392-523	Sequence 523, App
C 747	15.2	0.3	20	1	US-10-671-395-182	Sequence 182, App	C 820	15.2	0.3	21	1	US-10-236-392-553	Sequence 553, App
C 748	15.2	0.3	20	1	US-10-671-395-183	Sequence 183, App	C 821	15.2	0.3	21	1	US-10-236-392-549	Sequence 549, App
C 749	15.2	0.3	20	1	US-10-671-395-184	Sequence 184, App	C 822	15.2	0.3	21	1	US-10-236-392-673	Sequence 673, App
C 750	15.2	0.3	20	1	US-10-671-395-185	Sequence 185, App	C 823	15.2	0.3	21	1	US-10-236-392-685	Sequence 685, App
C 751	15.2	0.3	20	1	US-10-671-395-186	Sequence 186, App	C 824	15.2	0.3	21	1	US-10-236-392-697	Sequence 697, App
C 752	15.2	0.3	20	1	US-10-671-395-187	Sequence 187, App	C 825	15.2	0.3	21	1	US-10-236-392-724	Sequence 724, App
C 753	15.2	0.3	20	1	US-10-671-395-188	Sequence 188, App	C 826	15.2	0.3	21	1	US-10-677-658-10	Sequence 10, App1
C 754	15.2	0.3	20	1	US-10-671-395-189	Sequence 189, App	C 827	15.2	0.3	21	1	US-10-786-720-791	Sequence 791, App
C 755	15.2	0.3	20	1	US-10-671-395-190	Sequence 190, App	C 828	15.2	0.3	21	1	US-10-786-720-794	Sequence 794, App
C 756	15.2	0.3	20	1	US-10-671-395-191	Sequence 191, App	C 829	15.2	0.3	21	1	US-10-786-720-354	Sequence 354, App
C 757	15.2	0.3	20	1	US-10-671-395-192	Sequence 192, App	C 830	15.2	0.3	21	1	US-10-786-720-683	Sequence 683, App
C 758	15.2	0.3	20	1	US-10-671-395-193	Sequence 193, App	C 831	15.2	0.3	21	1	US-10-786-720-7055	Sequence 7055, App
C 759	15.2	0.3	20	1	US-10-671-395-194	Sequence 194, App	C 832	15.2	0.3	21	1	US-10-786-720-7160	Sequence 7160, App
C 760	15.2	0.3	20	1	US-10-671-395-195	Sequence 195, App	C 833	15.2	0.3	21	1	US-10-786-720-9323	Sequence 9323, App
C 761	15.2	0.3	20	1	US-10-671-395-196	Sequence 196, App	C 834	15.2	0.3	21	1	US-10-786-720-9428	Sequence 9428, App
C 762	15.2	0.3	20	1	US-10-671-395-197	Sequence 197, App	C 835	15.2	0.3	21	1	US-10-786-720-12055	Sequence 12055, A
C 763	15.2	0.3	20	1	US-10-671-395-198	Sequence 198, App	C 836	15.2	0.3	21	1	US-10-786-720-12057	Sequence 12057, A

C 837	15.2	0.3	21	1	US-10-786-720-12394	Sequence 12394, A	910	14.8	0.3	19	1	US-09-903-786-286	Sequence 286, App
C 838	15.2	0.3	21	1	US-10-786-720-12396	Sequence 12396, A	911	14.8	0.3	19	1	US-09-902-903-286	Sequence 286, App
C 839	15.2	0.3	21	1	US-10-786-720-12979	Sequence 12979, A	912	14.8	0.3	19	1	US-09-903-749A-286	Sequence 286, App
C 840	15.2	0.3	21	1	US-10-786-720-13935	Sequence 13935, A	913	14.8	0.3	19	1	US-09-904-119-286	Sequence 286, App
C 841	15.2	0.3	21	1	US-10-786-720-13925	Sequence 13925, A	914	14.8	0.3	19	1	US-09-904-956-286	Sequence 286, App
C 842	15.2	0.3	21	1	US-10-786-720-20448	Sequence 20448, A	915	14.8	0.3	19	1	US-09-902-736-286	Sequence 286, App
C 843	15	0.3	17	1	US-09-866-108-6765	Sequence 6765, Ap	916	14.8	0.3	19	1	US-09-907-943-286	Sequence 286, App
C 844	15	0.3	17	1	US-09-866-108-6766	Sequence 6766, Ap	917	14.8	0.3	19	1	US-09-904-462-286	Sequence 286, App
C 845	15	0.3	17	1	US-09-866-108-6767	Sequence 6767, Ap	918	14.8	0.3	19	1	US-09-907-925-286	Sequence 286, App
C 846	15	0.3	17	1	US-10-723-361-6765	Sequence 6765, Ap	919	14.8	0.3	19	1	US-09-902-692-286	Sequence 286, App
C 847	15	0.3	17	1	US-10-723-361-6766	Sequence 6766, Ap	920	14.8	0.3	19	1	US-09-903-520-286	Sequence 286, App
C 848	15	0.3	17	1	US-10-723-361-6767	Sequence 6767, Ap	921	14.8	0.3	19	1	US-09-905-056-286	Sequence 286, App
C 849	15	0.3	18	1	US-09-878-582-17	Sequence 17, Appl	922	14.8	0.3	19	1	US-09-905-064-286	Sequence 286, App
C 850	15	0.3	18	1	US-10-388-263-840	Sequence 840, App	923	14.8	0.3	19	1	US-09-904-553-286	Sequence 286, App
C 851	15	0.3	18	1	US-10-336-213B-17	Sequence 17, Appl	924	14.8	0.3	19	1	US-09-905-381-286	Sequence 286, App
C 852	15	0.3	18	1	US-10-664-639A-49	Sequence 49, Appl	925	14.8	0.3	19	1	US-09-904-485-286	Sequence 286, App
C 853	15	0.3	19	1	US-10-349-143-7301	Sequence 7301, Ap	926	14.8	0.3	19	1	US-09-905-348-286	Sequence 286, App
C 854	15	0.3	20	1	US-09-820-215-16	Sequence 16, Appl	927	14.8	0.3	19	1	US-09-905-088-286	Sequence 286, App
C 855	15	0.3	20	1	US-09-972-715-14	Sequence 14, Appl	928	14.8	0.3	19	1	US-09-907-575-286	Sequence 286, App
C 856	15	0.3	20	1	US-09-263-981-8	Sequence 8, Appl	929	14.8	0.3	19	1	US-09-905-075-286	Sequence 286, App
C 857	15	0.3	20	1	US-10-443-694-118	Sequence 118, App	930	14.8	0.3	19	1	US-09-902-759-286	Sequence 286, App
C 858	15	0.3	20	1	US-10-210-556-48	Sequence 48, Appl	931	14.8	0.3	19	1	US-09-902-634-286	Sequence 286, App
C 859	15	0.3	20	1	US-10-210-556-171	Sequence 171, App	932	14.8	0.3	19	1	US-09-902-713-286	Sequence 286, App
C 860	15	0.3	20	1	US-10-394-808-73	Sequence 73, Appl	933	14.8	0.3	19	1	US-09-907-979-286	Sequence 286, App
C 861	15	0.3	20	1	US-10-394-808-135	Sequence 135, App	934	14.8	0.3	19	1	US-09-902-615-286	Sequence 286, App
C 862	15	0.3	20	1	US-10-614-625-118	Sequence 118, App	935	14.8	0.3	19	1	US-09-903-925-286	Sequence 286, App
C 863	15	0.3	21	1	US-09-738-363-34	Sequence 34, Appl	936	14.8	0.3	19	1	US-09-906-760A-286	Sequence 286, App
C 864	15	0.3	21	1	US-10-083-246A-165	Sequence 165, App	937	14.8	0.3	19	1	US-09-903-823-286	Sequence 286, App
C 865	15	0.3	21	1	US-10-084-833-3599	Sequence 3599, Ap	938	14.8	0.3	19	1	US-09-907-652-286	Sequence 286, App
C 866	15	0.3	21	1	US-10-388-263-884	Sequence 884, App	939	14.8	0.3	19	1	US-09-903-806-286	Sequence 286, App
C 867	15	0.3	21	1	US-10-336-213B-61	Sequence 61, Appl	940	14.8	0.3	19	1	US-09-902-979A-286	Sequence 286, App
C 868	15	0.3	21	1	US-10-633-023-34	Sequence 34, Appl	941	14.8	0.3	19	1	US-09-902-919-286	Sequence 286, App
C 869	15	0.3	21	1	US-10-648-593-286	Sequence 286, App	942	14.8	0.3	19	1	US-09-905-125-286	Sequence 286, App
C 870	14.8	0.3	18	1	US-09-067-638B-104	Sequence 104, App	943	14.8	0.3	19	1	US-09-906-815A-286	Sequence 286, App
C 871	14.8	0.3	18	1	US-09-897-322-18	Sequence 18, Appl	944	14.8	0.3	19	1	US-09-905-449-286	Sequence 286, App
C 872	14.8	0.3	18	1	US-09-263-959-716	Sequence 716, App	945	14.8	0.3	19	1	US-09-903-992-286	Sequence 286, App
C 873	14.8	0.3	18	1	US-09-766-450-53	Sequence 53, Appl	946	14.8	0.3	19	1	US-09-904-932-286	Sequence 286, App
C 874	14.8	0.3	18	1	US-10-077-383-27	Sequence 27, Appl	947	14.8	0.3	19	1	US-09-904-838-286	Sequence 286, App
C 875	14.8	0.3	18	1	US-10-188-404-33	Sequence 33, Appl	948	14.8	0.3	19	1	US-09-906-777-286	Sequence 286, App
C 876	14.8	0.3	18	1	US-10-116-325-104	Sequence 104, App	949	14.8	0.3	19	1	US-09-903-603A-286	Sequence 286, App
C 877	14.8	0.3	18	1	US-10-323-268-18	Sequence 18, Appl	950	14.8	0.3	19	1	US-09-904-532-286	Sequence 286, App
C 878	14.8	0.3	18	1	US-10-239-912-1	Sequence 1, Appl	951	14.8	0.3	19	1	US-09-904-766-286	Sequence 286, App
C 879	14.8	0.3	18	1	US-10-239-912-31	Sequence 31, Appl	952	14.8	0.3	19	1	US-09-904-920A-286	Sequence 286, App
C 880	14.8	0.3	18	1	US-10-388-263-104	Sequence 104, App	953	14.8	0.3	19	1	US-09-904-877A-286	Sequence 286, App
C 881	14.8	0.3	18	1	US-10-388-263-361	Sequence 361, App	954	14.8	0.3	19	1	US-09-903-562-286	Sequence 286, App
C 882	14.8	0.3	18	1	US-10-349-143-5445	Sequence 5445, Ap	955	14.8	0.3	19	1	US-09-906-618-286	Sequence 286, App
C 883	14.8	0.3	18	1	US-10-349-143-6099	Sequence 6099, Ap	956	14.8	0.3	19	1	US-09-907-728-286	Sequence 286, App
C 884	14.8	0.3	18	1	US-10-321-039-541	Sequence 541, App	957	14.8	0.3	19	1	US-09-904-805-286	Sequence 286, App
C 885	14.8	0.3	18	1	US-10-608-536-4	Sequence 4, Appl	958	14.8	0.3	19	1	US-09-904-938A-286	Sequence 286, App
C 886	14.8	0.3	18	1	US-10-663-749-4	Sequence 4, Appl	959	14.8	0.3	19	1	US-09-908-722A-286	Sequence 286, App
C 887	14.8	0.3	18	1	US-10-735-345-5	Sequence 5, Appl	960	14.8	0.3	19	1	US-09-908-576-286	Sequence 286, App
C 888	14.8	0.3	18	1	US-10-360-854-11	Sequence 11, Appl	961	14.8	0.3	19	1	US-10-220-310-5	Sequence 5, Appl
C 889	14.8	0.3	19	1	US-10-830-475-104	Sequence 104, App	962	14.8	0.3	19	1	US-10-175-225-136	Sequence 136, App
C 890	14.8	0.3	19	1	US-09-909-320-286	Sequence 286, App	963	14.8	0.3	19	1	US-10-216-484-102	Sequence 102, App
C 891	14.8	0.3	19	1	US-09-909-088B-286	Sequence 286, App	964	14.8	0.3	19	1	US-10-216-484-103	Sequence 103, App
C 892	14.8	0.3	19	1	US-09-905-291A-286	Sequence 286, App	965	14.8	0.3	19	1	US-10-083-246A-83	Sequence 83, Appl
C 893	14.8	0.3	19	1	US-09-902-853-286	Sequence 286, App	966	14.8	0.3	19	1	US-10-189-956-32	Sequence 32, Appl
C 894	14.8	0.3	19	1	US-09-907-824-286	Sequence 286, App	967	14.8	0.3	19	1	US-10-384-933-102	Sequence 102, App
C 895	14.8	0.3	19	1	US-09-907-841-286	Sequence 286, App	968	14.8	0.3	19	1	US-10-384-933-103	Sequence 103, App
C 896	14.8	0.3	19	1	US-09-904-011-286	Sequence 286, App	969	14.8	0.3	19	1	US-10-299-976-286	Sequence 286, App
C 897	14.8	0.3	19	1	US-09-904-968A-63	Sequence 63, Appl	970	14.8	0.3	19	1	US-10-299-937-286	Sequence 286, App
C 898	14.8	0.3	19	1	US-09-903-640-286	Sequence 286, App	971	14.8	0.3	19	1	US-10-298-993-286	Sequence 286, App
C 899	14.8	0.3	19	1	US-09-908-093-286	Sequence 286, App	972	14.8	0.3	19	1	US-10-360-532-26	Sequence 26, Appl
C 900	14.8	0.3	19	1	US-09-906-742-286	Sequence 286, App	973	14.8	0.3	19	1	US-10-448-923-286	Sequence 286, App
C 901	14.8	0.3	19	1	US-09-906-838-286	Sequence 286, App	974	14.8	0.3	19	1	US-10-277-216-148	Sequence 148, App
C 902	14.8	0.3	19	1	US-09-907-613-286	Sequence 286, App	975	14.8	0.3	19	1	US-10-449-656-286	Sequence 286, App
C 903	14.8	0.3	19	1	US-09-907-942-286	Sequence 286, App	976	14.8	0.3	19	1	US-10-448-713-286	Sequence 286, App
C 904	14.8	0.3	19	1	US-09-904-859-286	Sequence 286, App	977	14.8	0.3	19	1	US-10-074-978A-532	Sequence 532, App
C 905	14.8	0.3	19	1	US-09-904-820-286	Sequence 286, App	978	14.8	0.3	19	1	US-10-126-022-148	Sequence 148, App
C 906	14.8	0.3	19	1	US-09-904-820-286	Sequence 286, App	979	14.8	0.3	19	1	US-10-425-447-286	Sequence 286, App
C 907	14.8	0.3	19	1	US-09-904-786-286	Sequence 286, App	980	14.8	0.3	19	1	US-10-092-900A-759	Sequence 759, App
C 908	14.8	0.3	19	1	US-09-906-646-286	Sequence 286, App	981	14.8	0.3	19	1	US-10-252-155-156	Sequence 156, App
C 909	14.8	0.3	19	1	US-09-906-700-286	Sequence 286, App	982	14.8	0.3	19	1	US-10-239-907A-10	Sequence 10, Appl

C 963	14.8	0.3	19	1	US-10-240-240A-148	Sequence 148, App	1056	14.8	0.3	20	1	US-09-903-925-222	Sequence 222, App
964	14.8	0.3	19	1	US-10-215-371-286	Sequence 286, App	1057	14.8	0.3	20	1	US-09-906-760A-222	Sequence 222, App
965	14.8	0.3	19	1	US-10-665-951-1693	Sequence 1693, App	1058	14.8	0.3	20	1	US-09-903-823-222	Sequence 222, App
C 966	14.8	0.3	19	1	US-10-665-951-1940	Sequence 1940, App	1059	14.8	0.3	20	1	US-09-907-652-222	Sequence 222, App
967	14.8	0.3	19	1	US-10-771-187-286	Sequence 286, App	1060	14.8	0.3	20	1	US-09-902-572A-222	Sequence 222, App
968	14.8	0.3	20	1	US-09-752-639-57	Sequence 57, App1	1061	14.8	0.3	20	1	US-09-902-979-222	Sequence 222, App
969	14.8	0.3	20	1	US-09-984-198-57	Sequence 157, App1	1062	14.8	0.3	20	1	US-09-905-125-222	Sequence 222, App
970	14.8	0.3	20	1	US-09-923-246-15	Sequence 15, App1	1063	14.8	0.3	20	1	US-09-906-815A-222	Sequence 222, App
991	14.8	0.3	20	1	US-09-909-320-222	Sequence 222, App	1064	14.8	0.3	20	1	US-09-905-449-222	Sequence 222, App
C 992	14.8	0.3	20	1	US-09-918-186A-194	Sequence 194, App	1065	14.8	0.3	20	1	US-09-903-806-222	Sequence 222, App
993	14.8	0.3	20	1	US-09-909-088B-222	Sequence 222, App1	1066	14.8	0.3	20	1	US-09-904-992-222	Sequence 222, App
994	14.8	0.3	20	1	US-09-955-410-4	Sequence 4, App1	1067	14.8	0.3	20	1	US-09-904-838-222	Sequence 222, App
995	14.8	0.3	20	1	US-09-791-406-54	Sequence 54, App1	1068	14.8	0.3	20	1	US-09-906-777-222	Sequence 222, App
996	14.8	0.3	20	1	US-09-905-291A-222	Sequence 222, App	1069	14.8	0.3	20	1	US-09-903-603A-222	Sequence 222, App
997	14.8	0.3	20	1	US-09-985-335-24	Sequence 24, App1	1070	14.8	0.3	20	1	US-09-904-532-222	Sequence 222, App
998	14.8	0.3	20	1	US-09-902-853-222	Sequence 222, App	1071	14.8	0.3	20	1	US-09-904-766-222	Sequence 222, App
999	14.8	0.3	20	1	US-09-995-225-58	Sequence 58, App1	1072	14.8	0.3	20	1	US-09-904-920A-222	Sequence 222, App
1000	14.8	0.3	20	1	US-09-995-225-58	Sequence 58, App1	1073	14.8	0.3	20	1	US-09-793-807-77	Sequence 77, App1
1001	14.8	0.3	20	1	US-09-995-225-59	Sequence 59, App1	1074	14.8	0.3	20	1	US-09-904-877A-222	Sequence 222, App
1002	14.8	0.3	20	1	US-09-995-225-59	Sequence 59, App1	1075	14.8	0.3	20	1	US-09-903-562-222	Sequence 222, App
1003	14.8	0.3	20	1	US-09-995-225-60	Sequence 60, App1	1076	14.8	0.3	20	1	US-09-906-618-222	Sequence 222, App
1004	14.8	0.3	20	1	US-09-995-225-60	Sequence 60, App1	1077	14.8	0.3	20	1	US-09-907-728-222	Sequence 222, App
1005	14.8	0.3	20	1	US-09-907-824-222	Sequence 222, App	1078	14.8	0.3	20	1	US-09-904-805-222	Sequence 222, App
1006	14.8	0.3	20	1	US-09-907-841-222	Sequence 222, App	1079	14.8	0.3	20	1	US-09-904-938A-222	Sequence 222, App
1007	14.8	0.3	20	1	US-09-904-011-222	Sequence 222, App	1080	14.8	0.3	20	1	US-09-906-722A-222	Sequence 222, App
1008	14.8	0.3	20	1	US-09-903-640-222	Sequence 222, App	1081	14.8	0.3	20	1	US-09-908-576-222	Sequence 222, App
1009	14.8	0.3	20	1	US-09-908-093-222	Sequence 222, App	1082	14.8	0.3	20	1	US-10-112-653-881	Sequence 481, App
C1010	14.8	0.3	20	1	US-09-824-322B-79	Sequence 79, App1	1083	14.8	0.3	20	1	US-10-085-906-213	Sequence 213, App
1011	14.8	0.3	20	1	US-09-824-322B-106	Sequence 106, App	1084	14.8	0.3	20	1	US-10-017-995-504	Sequence 45, App1
1012	14.8	0.3	20	1	US-09-906-742-222	Sequence 222, App	1085	14.8	0.3	20	1	US-10-229-735-45	Sequence 45, App1
C1013	14.8	0.3	20	1	US-09-888-326-34	Sequence 34, App1	1086	14.8	0.3	20	1	US-10-314-405-27	Sequence 27, App1
1014	14.8	0.3	20	1	US-09-906-838-222	Sequence 222, App	1087	14.8	0.3	20	1	US-10-002-491-56	Sequence 56, App1
1015	14.8	0.3	20	1	US-09-907-613-222	Sequence 222, App	C1088	14.8	0.3	20	1	US-10-227-001-9	Sequence 9, App1
1016	14.8	0.3	20	1	US-09-907-942-222	Sequence 222, App	C1089	14.8	0.3	20	1	US-10-003-919-42	Sequence 42, App1
C1017	14.8	0.3	20	1	US-09-938-689-68	Sequence 68, App1	1090	14.8	0.3	20	1	US-10-006-366-15	Sequence 15, App1
1018	14.8	0.3	20	1	US-09-863-049A-34	Sequence 34, App1	1091	14.8	0.3	20	1	US-10-295-723-15	Sequence 15, App1
1019	14.8	0.3	20	1	US-09-904-855-222	Sequence 222, App	1092	14.8	0.3	20	1	US-10-006-972A-34	Sequence 34, App1
1020	14.8	0.3	20	1	US-09-909-820-222	Sequence 222, App	C1093	14.8	0.3	20	1	US-10-033-742-26	Sequence 26, App1
1021	14.8	0.3	20	1	US-09-904-820-222	Sequence 222, App	1094	14.8	0.3	20	1	US-10-243-072-15	Sequence 17, App1
1022	14.8	0.3	20	1	US-09-904-766-222	Sequence 222, App	C1095	14.8	0.3	20	1	US-10-243-072-17	Sequence 26, App1
1023	14.8	0.3	20	1	US-09-906-646-222	Sequence 222, App	1096	14.8	0.3	20	1	US-10-336-491-26	Sequence 80, App1
1024	14.8	0.3	20	1	US-09-906-700-222	Sequence 222, App	1097	14.8	0.3	20	1	US-10-285-976-80	Sequence 75, App1
1025	14.8	0.3	20	1	US-09-903-786-222	Sequence 222, App	1098	14.8	0.3	20	1	US-10-218-969-75	Sequence 15, App1
1026	14.8	0.3	20	1	US-09-902-903-222	Sequence 222, App	1099	14.8	0.3	20	1	US-10-414-186-15	Sequence 15, App1
1027	14.8	0.3	20	1	US-09-903-749A-222	Sequence 222, App	C1100	14.8	0.3	20	1	US-10-414-186-17	Sequence 12, App1
1028	14.8	0.3	20	1	US-09-904-119-222	Sequence 222, App	C1101	14.8	0.3	20	1	US-10-305-810-12	Sequence 12, App1
1029	14.8	0.3	20	1	US-09-904-955-222	Sequence 222, App	1102	14.8	0.3	20	1	US-10-299-976-222	Sequence 4, App1
1030	14.8	0.3	20	1	US-09-902-736-222	Sequence 222, App	1103	14.8	0.3	20	1	US-10-032-585-5142	Sequence 5142, App
1031	14.8	0.3	20	1	US-09-907-794-222	Sequence 222, App	1104	14.8	0.3	20	1	US-10-331-907-344	Sequence 344, App
1032	14.8	0.3	20	1	US-09-903-943-222	Sequence 222, App	1105	14.8	0.3	20	1	US-10-299-937-222	Sequence 222, App
1033	14.8	0.3	20	1	US-09-904-462-222	Sequence 222, App	1106	14.8	0.3	20	1	US-10-298-993-222	Sequence 222, App
1034	14.8	0.3	20	1	US-09-907-925-222	Sequence 222, App	1107	14.8	0.3	20	1	US-10-181-316-194	Sequence 194, App
1035	14.8	0.3	20	1	US-09-902-692-222	Sequence 222, App	C1108	14.8	0.3	20	1	US-10-314-578-604	Sequence 504, App
1036	14.8	0.3	20	1	US-09-903-520-222	Sequence 222, App	C1109	14.8	0.3	20	1	US-10-448-923-222	Sequence 222, App
1037	14.8	0.3	20	1	US-09-949-427-295	Sequence 222, App	1110	14.8	0.3	20	1	US-10-323-069A-13	Sequence 13, App1
1038	14.8	0.3	20	1	US-09-905-056-222	Sequence 222, App	1111	14.8	0.3	20	1	US-10-167-034-57	Sequence 57, App1
1039	14.8	0.3	20	1	US-09-909-064-222	Sequence 222, App	1112	14.8	0.3	20	1	US-10-271-602B-14	Sequence 14, App1
1040	14.8	0.3	20	1	US-09-904-553-222	Sequence 222, App	1113	14.8	0.3	20	1	US-10-271-602B-14	Sequence 46, App1
1041	14.8	0.3	20	1	US-09-905-381-222	Sequence 222, App	1114	14.8	0.3	20	1	US-10-350-923B-73	Sequence 73, App1
1042	14.8	0.3	20	1	US-09-904-485-222	Sequence 222, App	C1115	14.8	0.3	20	1	US-10-449-656-222	Sequence 222, App
1043	14.8	0.3	20	1	US-09-949-428-295	Sequence 222, App	1116	14.8	0.3	20	1	US-10-188-883-82	Sequence 82, App1
1044	14.8	0.3	20	1	US-09-905-348-222	Sequence 222, App	C1117	14.8	0.3	20	1	US-10-188-883-82	Sequence 82, App1
1045	14.8	0.3	20	1	US-09-905-088-222	Sequence 222, App	1118	14.8	0.3	20	1	US-10-448-713-222	Sequence 222, App
1046	14.8	0.3	20	1	US-09-907-575-222	Sequence 222, App	1119	14.8	0.3	20	1	US-10-289-762-1502	Sequence 1502, App
1047	14.8	0.3	20	1	US-09-905-075-222	Sequence 222, App	C1120	14.8	0.3	20	1	US-10-289-762-1502	Sequence 2641, App
1048	14.8	0.3	20	1	US-09-902-759-222	Sequence 222, App	C1121	14.8	0.3	20	1	US-10-188-777-83	Sequence 83, App1
1049	14.8	0.3	20	1	US-09-902-634-222	Sequence 222, App	1122	14.8	0.3	20	1	US-10-352-179-58	Sequence 58, App1
1050	14.8	0.3	20	1	US-09-902-713-222	Sequence 222, App	1123	14.8	0.3	20	1	US-10-425-447-222	Sequence 222, App
1051	14.8	0.3	20	1	US-09-907-979-222	Sequence 222, App	C1124	14.8	0.3	20	1	US-10-357-820-66	Sequence 86, App1
C1052	14.8	0.3	20	1	US-09-776-479-504	Sequence 504, App	C1125	14.8	0.3	20	1	US-10-380-125-53	Sequence 53, App1
C1053	14.8	0.3	20	1	US-09-776-479-504	Sequence 504, App	C1126	14.8	0.3	20	1	US-10-335-977-9922	Sequence 9922, App
1054	14.8	0.3	20	1	US-09-902-615-222	Sequence 222, App	1127	14.8	0.3	20	1	US-10-274-300-49	Sequence 49, App1
1055	14.8	0.3	20	1	US-09-990-613-24	Sequence 24, App1	C1128	14.8	0.3	20	1	US-10-274-387-13	Sequence 13, App1

c1129	14.8	0.3	20	1	US-10-274-311-13	Sequence 13, Appl	c1202	14.8	0.3	21	1	US-10-786-720-18576	Sequence 18576, A
1130	14.8	0.3	20	1	US-10-292-312-40	Sequence 40, Appl	c1203	14.8	0.3	21	1	US-10-786-720-20348	Sequence 20348, A
c1131	14.8	0.3	20	1	US-10-303-266-53	Sequence 53, Appl	c1204	14.8	0.3	21	1	US-10-786-720-20365	Sequence 20365, A
1132	14.8	0.3	20	1	US-10-303-266-129	Sequence 129, Appl	1205	14.4	0.3	16	1	US-10-628-528-28	Sequence 28, Appl
1133	14.8	0.3	20	1	US-10-304-103-41	Sequence 41, Appl	1206	14.4	0.3	17	1	US-09-866-108-1892	Sequence 1892, Ap
c1134	14.8	0.3	20	1	US-10-304-103-76	Sequence 76, Appl	1207	14.4	0.3	17	1	US-09-866-108-1893	Sequence 1893, Ap
1135	14.8	0.3	20	1	US-10-301-832-88	Sequence 88, Appl	1208	14.4	0.3	17	1	US-09-866-108-1894	Sequence 1894, Ap
1136	14.8	0.3	20	1	US-10-317-249-23	Sequence 23, Appl	1209	14.4	0.3	17	1	US-09-866-108-1895	Sequence 1895, Ap
c1137	14.8	0.3	20	1	US-10-317-249-101	Sequence 101, Appl	c1210	14.4	0.3	17	1	US-09-866-108-6112	Sequence 6112, Ap
c1138	14.8	0.3	20	1	US-10-317-277A-68	Sequence 68, Appl	c1211	14.4	0.3	17	1	US-09-866-108-6113	Sequence 6113, Ap
1139	14.8	0.3	20	1	US-10-317-277A-143	Sequence 143, Appl	c1212	14.4	0.3	17	1	US-09-866-108-6199	Sequence 6199, Ap
1140	14.8	0.3	20	1	US-10-316-667-41	Sequence 41, Appl	c1213	14.4	0.3	17	1	US-09-866-108-6200	Sequence 6200, Ap
1141	14.8	0.3	20	1	US-10-659-684-15	Sequence 15, Appl	c1214	14.4	0.3	17	1	US-09-866-108-6257	Sequence 6257, Ap
c1142	14.8	0.3	20	1	US-10-319-893-52	Sequence 52, Appl	c1215	14.4	0.3	17	1	US-09-866-108-6258	Sequence 6258, Ap
1143	14.8	0.3	20	1	US-10-319-893-127	Sequence 127, Appl	1216	14.4	0.3	17	1	US-09-866-108-7409	Sequence 7409, Ap
c1144	14.8	0.3	20	1	US-10-471-448-2	Sequence 2, Appl1	1217	14.4	0.3	17	1	US-09-866-108-7410	Sequence 7410, Ap
1145	14.8	0.3	20	1	US-10-515-371-222	Sequence 222, Appl	c1218	14.4	0.3	17	1	US-09-866-108-7797	Sequence 7797, Ap
c1146	14.8	0.3	20	1	US-10-652-795-79	Sequence 79, Appl	c1219	14.4	0.3	17	1	US-09-866-108-7798	Sequence 7798, Ap
1147	14.8	0.3	20	1	US-10-652-795-306	Sequence 306, Appl	c1220	14.4	0.3	17	1	US-09-730-289B-509	Sequence 509, Appl
1148	14.8	0.3	20	1	US-10-695-089-79	Sequence 79, Appl	1221	14.4	0.3	17	1	US-09-818-875-4314	Sequence 4314, Ap
c1149	14.8	0.3	20	1	US-10-647-918-79	Sequence 79, Appl	c1222	14.4	0.3	17	1	US-09-818-875-4315	Sequence 4315, Ap
1150	14.8	0.3	20	1	US-10-647-918-306	Sequence 306, Appl	1223	14.4	0.3	17	1	US-09-818-875-4319	Sequence 4319, Ap
c1151	14.8	0.3	20	1	US-10-385-163-84	Sequence 84, Appl	c1224	14.4	0.3	17	1	US-09-818-875-4319	Sequence 4319, Ap
c1152	14.8	0.3	20	1	US-10-714-796-226	Sequence 226, Appl	1225	14.4	0.3	17	1	US-09-780-533A-13	Sequence 13, Appl
c1153	14.8	0.3	20	1	US-10-714-796-84	Sequence 84, Appl	c1226	14.4	0.3	17	1	US-09-780-533A-766	Sequence 766, Appl
1154	14.8	0.3	20	1	US-10-771-187-222	Sequence 222, Appl	1227	14.4	0.3	17	1	US-09-780-533A-1377	Sequence 771, Appl
c1155	14.8	0.3	20	1	US-09-765-081-173	Sequence 79, Appl	c1228	14.4	0.3	17	1	US-09-780-533A-1711	Sequence 1377, Ap
c1156	14.8	0.3	21	1	US-09-765-081-444	Sequence 444, Appl	1229	14.4	0.3	17	1	US-09-780-533A-2375	Sequence 2375, Ap
c1157	14.8	0.3	21	1	US-09-969-373-2418	Sequence 2418, Ap	1230	14.4	0.3	17	1	US-09-780-533A-2375	Sequence 2376, Ap
c1158	14.8	0.3	21	1	US-09-969-373-3091	Sequence 3091, Ap	1231	14.4	0.3	17	1	US-09-780-533A-3376	Sequence 3376, Ap
1159	14.8	0.3	21	1	US-09-927-737-30	Sequence 30, Appl	c1232	14.4	0.3	17	1	US-09-927-046-452	Sequence 452, Appl
c1160	14.8	0.3	21	1	US-09-754-106-21	Sequence 21, Appl	c1233	14.4	0.3	17	1	US-09-877-478-1388	Sequence 1288, Ap
c1161	14.8	0.3	21	1	US-09-883-375-21	Sequence 21, Appl	c1234	14.4	0.3	17	1	US-09-848-754A-1565	Sequence 565, Appl
c1162	14.8	0.3	21	1	US-10-332-187-14	Sequence 14, Appl	c1235	14.4	0.3	17	1	US-09-848-754A-1884	Sequence 1884, Ap
c1163	14.8	0.3	21	1	US-10-336-855-25	Sequence 25, Appl	c1236	14.4	0.3	17	1	US-09-776-478-532	Sequence 532, Appl
1164	14.8	0.3	21	1	US-10-184-085A-162	Sequence 162, Appl	1237	14.4	0.3	17	1	US-09-776-478-850	Sequence 850, Appl
c1165	14.8	0.3	21	1	US-10-184-085A-198	Sequence 198, Appl	c1238	14.4	0.3	17	1	US-09-776-478-850	Sequence 850, Appl
c1166	14.8	0.3	21	1	US-10-184-085A-202	Sequence 202, Appl	1239	14.4	0.3	17	1	US-09-780-164-44	Sequence 44, Appl
c1167	14.8	0.3	21	1	US-10-184-085A-238	Sequence 238, Appl	c1240	14.4	0.3	17	1	US-09-792-818-253	Sequence 253, Appl
c1168	14.8	0.3	21	1	US-10-184-085A-270	Sequence 270, Appl	c1241	14.4	0.3	17	1	US-09-792-818-523	Sequence 523, Appl
c1170	14.8	0.3	21	1	US-10-184-085A-274	Sequence 274, Appl	c1242	14.4	0.3	17	1	US-10-042-417-86	Sequence 86, Appl
c1171	14.8	0.3	21	1	US-10-184-085A-755	Sequence 755, Appl	1243	14.4	0.3	17	1	US-10-060-998-401	Sequence 401, Appl
c1172	14.8	0.3	21	1	US-10-184-085A-756	Sequence 756, Appl	1244	14.4	0.3	17	1	US-10-060-998-402	Sequence 402, Appl
c1173	14.8	0.3	21	1	US-10-184-085A-791	Sequence 791, Appl	1245	14.4	0.3	17	1	US-10-156-306-5786	Sequence 5786, Ap
c1174	14.8	0.3	21	1	US-10-184-085A-792	Sequence 792, Appl	1246	14.4	0.3	17	1	US-10-238-700-1165	Sequence 1164, Ap
c1175	14.8	0.3	21	1	US-10-184-085A-863	Sequence 863, Appl	1247	14.4	0.3	17	1	US-10-238-700-1165	Sequence 1166, Ap
c1176	14.8	0.3	21	1	US-10-184-085A-864	Sequence 864, Appl	1248	14.4	0.3	17	1	US-10-339-782-373	Sequence 373, Appl
c1177	14.8	0.3	21	1	US-10-184-085A-902	Sequence 902, Appl	1249	14.4	0.3	17	1	US-10-061-201-1877	Sequence 1877, Ap
c1178	14.8	0.3	21	1	US-10-184-085A-938	Sequence 938, Appl	1250	14.4	0.3	17	1	US-10-061-201-1878	Sequence 1878, Ap
c1179	14.8	0.3	21	1	US-10-184-085A-974	Sequence 974, Appl	1251	14.4	0.3	17	1	US-10-209-787-4314	Sequence 4314, Ap
1180	14.8	0.3	21	1	US-10-330-176-10	Sequence 10, Appl	c1252	14.4	0.3	17	1	US-10-209-787-4315	Sequence 4315, Ap
c1181	14.8	0.3	21	1	US-10-401-916-4	Sequence 4, Appl1	1253	14.4	0.3	17	1	US-10-209-787-4318	Sequence 4318, Ap
c1182	14.8	0.3	21	1	US-10-349-143-10680	Sequence 10680, A	c1254	14.4	0.3	17	1	US-10-209-787-4319	Sequence 4319, Ap
1183	14.8	0.3	21	1	US-10-210-130-296	Sequence 296, Appl	c1255	14.4	0.3	17	1	US-10-261-188-4315	Sequence 4315, Ap
c1184	14.8	0.3	21	1	US-10-479-510-11	Sequence 11, Appl	c1256	14.4	0.3	17	1	US-10-261-188-4318	Sequence 4318, Ap
1185	14.8	0.3	21	1	US-10-385-163-27	Sequence 27, Appl	1257	14.4	0.3	17	1	US-10-261-188-4319	Sequence 4319, Ap
c1186	14.8	0.3	21	1	US-10-385-163-28	Sequence 28, Appl	c1258	14.4	0.3	17	1	US-10-029-020-111	Sequence 111, Appl
1187	14.8	0.3	21	1	US-10-796-177-27	Sequence 27, Appl	c1259	14.4	0.3	17	1	US-10-029-020-119	Sequence 119, Appl
c1188	14.8	0.3	21	1	US-10-796-177-28	Sequence 28, Appl	c1260	14.4	0.3	17	1	US-10-342-902-1888	Sequence 1288, Ap
c1189	14.8	0.3	21	1	US-10-786-720-1031	Sequence 1031, Ap	c1261	14.4	0.3	17	1	US-10-342-902-1888	Sequence 6930, Ap
1190	14.8	0.3	21	1	US-10-786-720-6682	Sequence 6682, Ap	1262	14.4	0.3	17	1	US-10-138-674-6930	Sequence 6930, Ap
c1191	14.8	0.3	21	1	US-10-786-720-6684	Sequence 6684, Ap	1263	14.4	0.3	17	1	US-10-138-674-6932	Sequence 6932, Ap
c1192	14.8	0.3	21	1	US-10-786-720-1193	Sequence 1193, A	1264	14.4	0.3	17	1	US-10-138-674-7143	Sequence 7143, Ap
c1193	14.8	0.3	21	1	US-10-786-720-1193	Sequence 1193, A	1265	14.4	0.3	17	1	US-10-138-674-8739	Sequence 8739, Ap
c1194	14.8	0.3	21	1	US-10-786-720-1192	Sequence 1192, A	1266	14.4	0.3	17	1	US-10-287-949A-6930	Sequence 6930, Ap
1195	14.8	0.3	21	1	US-10-786-720-12051	Sequence 12051, A	1267	14.4	0.3	17	1	US-10-287-949A-6932	Sequence 6932, Ap
c1196	14.8	0.3	21	1	US-10-786-720-12937	Sequence 12937, A	1268	14.4	0.3	17	1	US-10-287-949A-7143	Sequence 7143, Ap
c1197	14.8	0.3	21	1	US-10-786-720-13996	Sequence 13996, A	1269	14.4	0.3	17	1	US-10-287-949A-7139	Sequence 7139, Ap
1198	14.8	0.3	21	1	US-10-786-720-13998	Sequence 13998, A	1270	14.4	0.3	17	1	US-10-712-677-1857	Sequence 1857, Ap
c1199	14.8	0.3	21	1	US-10-786-720-14585	Sequence 14585, A	c1271	14.4	0.3	17	1	US-10-669-841-1888	Sequence 1288, Ap
c1200	14.8	0.3	21	1	US-10-786-720-15020	Sequence 15020, A	1272	14.4	0.3	17	1	US-10-723-361-1892	Sequence 1892, Ap
c1201	14.8	0.3	21	1	US-10-786-720-15242	Sequence 15242, A	1273	14.4	0.3	17	1	US-10-723-361-1893	Sequence 1893, Ap
						Sequence 17388, A	1274	14.4	0.3	17	1	US-10-723-361-1894	Sequence 1894, Ap

1275	14.4	0.3	17	1	US-10-723-361-1895	Sequence 1895, Ap	C1348	14.4	0.3	20	1	US-09-784-674-555	Sequence 555, App
C1276	14.4	0.3	17	1	US-10-723-361-6112	Sequence 6112, Ap	C1349	14.4	0.3	20	1	US-09-915-485-24	Sequence 24, App
C1277	14.4	0.3	17	1	US-10-723-361-6113	Sequence 6113, Ap	C1350	14.4	0.3	20	1	US-09-973-827-18	Sequence 18, App
C1278	14.4	0.3	17	1	US-10-723-361-6199	Sequence 6199, Ap	C1351	14.4	0.3	20	1	US-09-908-147-49	Sequence 49, App
C1279	14.4	0.3	17	1	US-10-723-361-6200	Sequence 6200, Ap	C1352	14.4	0.3	20	1	US-09-964-0598-117	Sequence 117, App
C1280	14.4	0.3	17	1	US-10-723-361-6257	Sequence 6257, Ap	C1353	14.4	0.3	20	1	US-09-964-0598-118	Sequence 118, App
C1281	14.4	0.3	17	1	US-10-723-361-6258	Sequence 6258, Ap	C1354	14.4	0.3	20	1	US-10-067-514-45	Sequence 45, App
C1282	14.4	0.3	17	1	US-10-723-361-7409	Sequence 7409, Ap	C1355	14.4	0.3	20	1	US-10-131-591A-30	Sequence 30, App
C1283	14.4	0.3	17	1	US-10-723-361-7410	Sequence 7410, Ap	C1356	14.4	0.3	20	1	US-10-417-719-13	Sequence 64, App
C1284	14.4	0.3	17	1	US-10-723-361-7797	Sequence 7797, Ap	C1357	14.4	0.3	20	1	US-10-171-319-69	Sequence 117, App
C1285	14.4	0.3	17	1	US-10-723-361-7798	Sequence 7798, Ap	C1358	14.4	0.3	20	1	US-10-032-585-5399	Sequence 5399, Ap
C1286	14.4	0.3	17	1	US-10-681-074-4314	Sequence 4314, Ap	C1359	14.4	0.3	20	1	US-10-236-0318-86	Sequence 86, App
C1287	14.4	0.3	17	1	US-10-681-074-4315	Sequence 4315, Ap	C1360	14.4	0.3	20	1	US-10-160-807-120	Sequence 120, App
C1289	14.4	0.3	17	1	US-10-681-074-4318	Sequence 4318, Ap	C1362	14.4	0.3	20	1	US-10-160-807-120	Sequence 120, App
C1290	14.4	0.3	18	1	US-09-822-485-28	Sequence 28, App	C1363	14.4	0.3	20	1	US-10-160-807-120	Sequence 120, App
C1291	14.4	0.3	18	1	US-09-942-588A-40	Sequence 40, App	C1364	14.4	0.3	20	1	US-10-175-492-18	Sequence 116, App
C1292	14.4	0.3	18	1	US-09-764-420A-41	Sequence 41, App	C1365	14.4	0.3	20	1	US-10-175-492-18	Sequence 116, App
C1293	14.4	0.3	18	1	US-09-764-420A-41	Sequence 41, App	C1366	14.4	0.3	20	1	US-10-175-492-18	Sequence 116, App
C1294	14.4	0.3	18	1	US-09-749-728B-45	Sequence 45, App	C1367	14.4	0.3	20	1	US-10-175-492-18	Sequence 116, App
C1295	14.4	0.3	18	1	US-09-942-596A-40	Sequence 40, App	C1368	14.4	0.3	20	1	US-10-174-460-48	Sequence 48, App
C1296	14.4	0.3	18	1	US-09-988-873A-40	Sequence 40, App	C1369	14.4	0.3	20	1	US-10-174-460-48	Sequence 48, App
C1297	14.4	0.3	18	1	US-09-942-662A-40	Sequence 40, App	C1370	14.4	0.3	20	1	US-10-174-460-48	Sequence 48, App
C1298	14.4	0.3	18	1	US-10-146-221-12	Sequence 12, App	C1371	14.4	0.3	20	1	US-10-175-492-18	Sequence 116, App
C1299	14.4	0.3	18	1	US-10-231-302-40	Sequence 40, App	C1372	14.4	0.3	20	1	US-10-126-022-153	Sequence 153, App
C1300	14.4	0.3	18	1	US-10-024-818-11	Sequence 11, App	C1373	14.4	0.3	20	1	US-10-462-261-10	Sequence 50, App
C1301	14.4	0.3	18	1	US-10-218-654-151	Sequence 151, App	C1374	14.4	0.3	20	1	US-10-215-448-53	Sequence 53, App
C1302	14.4	0.3	18	1	US-10-262-439-151	Sequence 151, App	C1375	14.4	0.3	20	1	US-10-380-880-9	Sequence 9, App
C1303	14.4	0.3	18	1	US-10-294-203-11	Sequence 11, App	C1376	14.4	0.3	20	1	US-10-380-880-9	Sequence 9, App
C1304	14.4	0.3	18	1	US-10-374-207-28	Sequence 28, App	C1377	14.4	0.3	20	1	US-10-380-880-9	Sequence 9, App
C1305	14.4	0.3	18	1	US-10-089-887-9	Sequence 9, App	C1378	14.4	0.3	20	1	US-10-672-961-18	Sequence 18, App
C1306	14.4	0.3	18	1	US-10-349-143-7389	Sequence 7389, Ap	C1379	14.4	0.3	20	1	US-10-655-847-120	Sequence 120, App
C1307	14.4	0.3	18	1	US-10-349-143-9111	Sequence 9111, Ap	C1380	14.4	0.3	20	1	US-10-655-847-120	Sequence 120, App
C1308	14.4	0.3	18	1	US-10-608-804-40	Sequence 40, App	C1381	14.4	0.3	20	1	US-10-655-847-120	Sequence 120, App
C1309	14.4	0.3	18	1	US-10-634-510-40	Sequence 40, App	C1382	14.4	0.3	20	1	US-10-634-510-40	Sequence 40, App
C1310	14.4	0.3	18	1	US-10-138-674-1411	Sequence 1411, Ap	C1383	14.4	0.3	20	1	US-10-634-510-40	Sequence 40, App
C1311	14.4	0.3	18	1	US-10-138-674-1411	Sequence 1411, Ap	C1384	14.4	0.3	20	1	US-10-634-510-40	Sequence 40, App
C1312	14.4	0.3	19	1	US-08-110-161A-9	Sequence 9, App	C1385	14.4	0.3	20	1	US-10-280-183A-126	Sequence 126, App
C1313	14.4	0.3	19	1	US-08-110-161A-9	Sequence 9, App	C1386	14.4	0.3	20	1	US-10-292-337-99	Sequence 32, App
C1314	14.4	0.3	19	1	US-08-110-161A-10	Sequence 10, App	C1387	14.4	0.3	20	1	US-10-292-337-99	Sequence 32, App
C1315	14.4	0.3	19	1	US-10-328-861-9	Sequence 9, App	C1388	14.4	0.3	20	1	US-10-300-263-129	Sequence 129, App
C1316	14.4	0.3	19	1	US-10-328-861-10	Sequence 10, App	C1389	14.4	0.3	20	1	US-10-299-089-14	Sequence 14, App
C1317	14.4	0.3	19	1	US-09-805-293-25	Sequence 25, App	C1390	14.4	0.3	20	1	US-10-299-089-14	Sequence 14, App
C1318	14.4	0.3	19	1	US-09-776-695-8	Sequence 8, App	C1391	14.4	0.3	20	1	US-10-304-116-46	Sequence 46, App
C1319	14.4	0.3	19	1	US-09-935-988A-58	Sequence 58, App	C1392	14.4	0.3	20	1	US-10-317-803-167	Sequence 167, App
C1320	14.4	0.3	19	1	US-10-005-626A-58	Sequence 58, App	C1393	14.4	0.3	20	1	US-10-317-803-167	Sequence 167, App
C1321	14.4	0.3	19	1	US-10-251-117-163	Sequence 163, App	C1394	14.4	0.3	20	1	US-10-319-915-123	Sequence 123, App
C1322	14.4	0.3	19	1	US-10-251-117-412	Sequence 412, App	C1395	14.4	0.3	20	1	US-10-319-915-123	Sequence 123, App
C1323	14.4	0.3	19	1	US-10-225-023-636	Sequence 636, App	C1396	14.4	0.3	20	1	US-10-319-915-123	Sequence 123, App
C1324	14.4	0.3	19	1	US-10-225-023-636	Sequence 636, App	C1397	14.4	0.3	20	1	US-10-319-915-123	Sequence 123, App
C1325	14.4	0.3	19	1	US-10-225-023-636	Sequence 636, App	C1398	14.4	0.3	20	1	US-10-319-915-123	Sequence 123, App
C1326	14.4	0.3	19	1	US-10-225-023-1374	Sequence 1374, Ap	C1399	14.4	0.3	20	1	US-10-319-915-123	Sequence 123, App
C1327	14.4	0.3	19	1	US-10-357-488-27	Sequence 27, App	C1400	14.4	0.3	20	1	US-10-319-915-123	Sequence 123, App
C1328	14.4	0.3	19	1	US-10-357-488-35	Sequence 35, App	C1401	14.4	0.3	20	1	US-10-319-915-123	Sequence 123, App
C1329	14.4	0.3	19	1	US-10-065-133A-40	Sequence 40, App	C1402	14.4	0.3	20	1	US-10-319-915-123	Sequence 123, App
C1330	14.4	0.3	19	1	US-10-349-143-11316	Sequence 11316, A	C1403	14.4	0.3	20	1	US-10-647-918-394	Sequence 394, App
C1331	14.4	0.3	19	1	US-10-434-811A-40	Sequence 40, App	C1404	14.4	0.3	20	1	US-10-719-995-11	Sequence 11, App
C1332	14.4	0.3	19	1	US-10-734-373-40	Sequence 40, App	C1405	14.4	0.3	20	1	US-09-917-138-1	Sequence 1, App
C1333	14.4	0.3	19	1	US-10-665-951-971	Sequence 971, App	C1406	14.4	0.3	19	1	US-09-917-138-2	Sequence 2, App
C1334	14.4	0.3	19	1	US-10-665-951-1295	Sequence 1295, App	C1407	14.4	0.3	19	1	US-09-925-548-11	Sequence 11, App
C1335	14.4	0.3	19	1	US-09-956-712-63	Sequence 63, App	C1408	14.4	0.3	19	1	US-09-925-548-11	Sequence 11, App
C1336	14.4	0.3	20	1	US-10-633-913-63	Sequence 63, App	C1409	14.4	0.3	19	1	US-09-925-548-11	Sequence 11, App
C1337	14.4	0.3	20	1	US-09-434-066-4	Sequence 4, App	C1410	14.4	0.3	19	1	US-09-969-373-4453	Sequence 4453, App
C1338	14.4	0.3	20	1	US-09-945-825-14	Sequence 14, App	C1411	14.4	0.3	19	1	US-09-969-373-4453	Sequence 4453, App
C1339	14.4	0.3	20	1	US-09-881-012-100	Sequence 100, App	C1412	14.4	0.3	19	1	US-09-969-373-4453	Sequence 4453, App
C1340	14.4	0.3	20	1	US-09-766-450-39	Sequence 39, App	C1413	14.4	0.3	19	1	US-09-969-373-4453	Sequence 4453, App
C1341	14.4	0.3	20	1	US-09-824-322B-394	Sequence 394, App	C1414	14.4	0.3	19	1	US-09-969-373-4453	Sequence 4453, App
C1342	14.4	0.3	20	1	US-09-232-785-374	Sequence 374, App	C1415	14.4	0.3	19	1	US-09-969-373-4453	Sequence 4453, App
C1343	14.4	0.3	20	1	US-09-948-002-56	Sequence 56, App	C1416	14.4	0.3	19	1	US-09-969-373-4453	Sequence 4453, App
C1344	14.4	0.3	20	1	US-09-784-674-551	Sequence 551, App	C1417	14.4	0.3	19	1	US-09-969-373-4453	Sequence 4453, App
C1345	14.4	0.3	20	1	US-09-784-674-552	Sequence 552, App	C1418	14.4	0.3	19	1	US-09-969-373-4453	Sequence 4453, App
C1346	14.4	0.3	20	1	US-09-784-674-553	Sequence 553, App	C1419	14.4	0.3	19	1	US-09-969-373-4453	Sequence 4453, App
C1347	14.4	0.3	20	1	US-09-784-674-554	Sequence 554, App	C1420	14.4	0.3	19	1	US-10-002-974-96	Sequence 96, App

c1421	14.2	0.3	19	1	US-10-123-597-1	Sequence 1, App11	1494	14.2	0.3	20	1	US-09-426-548-53	Sequence 53, App1
c1422	14.2	0.3	19	1	US-10-123-597-2	Sequence 2, App11	c1495	14.2	0.3	20	1	US-09-820-215-18	Sequence 18, App1
c1423	14.2	0.3	19	1	US-10-123-597-3	Sequence 3, App11	c1496	14.2	0.3	20	1	US-09-005-243-32	Sequence 32, App1
c1424	14.2	0.3	19	1	US-10-123-597-4	Sequence 4, App11	c1497	14.2	0.3	20	1	US-09-005-243-33	Sequence 33, App1
c1425	14.2	0.3	19	1	US-10-123-597-5	Sequence 5, App11	c1498	14.2	0.3	20	1	US-09-884-098-2	Sequence 2, App11
c1426	14.2	0.3	19	1	US-10-123-597-6	Sequence 6, App11	c1499	14.2	0.3	20	1	US-09-224-683-32	Sequence 32, App1
c1427	14.2	0.3	19	1	US-10-123-597-7	Sequence 7, App11	c1500	14.2	0.3	20	1	US-09-224-683-33	Sequence 33, App1
c1428	14.2	0.3	19	1	US-10-123-597-8	Sequence 8, App11	c1501	14.2	0.3	20	1	US-09-923-517-78	Sequence 78, App1
c1429	14.2	0.3	19	1	US-10-123-597-9	Sequence 9, App11	c1502	14.2	0.3	20	1	US-09-923-517-95	Sequence 95, App1
c1430	14.2	0.3	19	1	US-10-123-597-10	Sequence 10, App1	c1503	14.2	0.3	20	1	US-09-880-261-5	Sequence 5, App11
c1431	14.2	0.3	19	1	US-10-123-597-11	Sequence 11, App1	c1504	14.2	0.3	20	1	US-09-808-680-8	Sequence 8, App11
c1432	14.2	0.3	19	1	US-10-123-597-12	Sequence 12, App1	c1505	14.2	0.3	20	1	US-09-854-883-120	Sequence 120, App
c1433	14.2	0.3	19	1	US-10-123-597-13	Sequence 13, App1	c1506	14.2	0.3	20	1	US-09-854-883-121	Sequence 121, App
c1434	14.2	0.3	19	1	US-10-123-597-14	Sequence 14, App1	c1507	14.2	0.3	20	1	US-09-817-913-32	Sequence 32, App1
c1435	14.2	0.3	19	1	US-10-247-893-1	Sequence 1, App11	c1508	14.2	0.3	20	1	US-09-454-394-66	Sequence 66, App1
c1436	14.2	0.3	19	1	US-10-247-893-2	Sequence 2, App11	c1509	14.2	0.3	20	1	US-09-454-394-67	Sequence 67, App1
c1437	14.2	0.3	19	1	US-10-247-893-3	Sequence 3, App11	c1510	14.2	0.3	20	1	US-09-810-993-40	Sequence 40, App1
c1438	14.2	0.3	19	1	US-10-247-893-4	Sequence 4, App11	c1511	14.2	0.3	20	1	US-09-957-688A-11	Sequence 11, App1
c1439	14.2	0.3	19	1	US-10-098-816-15	Sequence 15, App1	c1512	14.2	0.3	20	1	US-09-957-688A-13	Sequence 13, App1
c1440	14.2	0.3	19	1	US-10-098-816-16	Sequence 16, App1	c1513	14.2	0.3	20	1	US-09-158-180-11	Sequence 11, App1
c1441	14.2	0.3	19	1	US-10-098-816-17	Sequence 17, App1	c1514	14.2	0.3	20	1	US-09-817-538-32	Sequence 32, App1
c1442	14.2	0.3	19	1	US-10-098-816-18	Sequence 18, App1	c1515	14.2	0.3	20	1	US-09-791-243-48	Sequence 48, App1
c1443	14.2	0.3	19	1	US-10-098-816-19	Sequence 19, App1	c1516	14.2	0.3	20	1	US-09-791-243-61	Sequence 61, App1
c1444	14.2	0.3	19	1	US-10-005-956-134	Sequence 134, App	c1517	14.2	0.3	20	1	US-09-791-943-55	Sequence 55, App1
c1445	14.2	0.3	19	1	US-10-086-206-5	Sequence 5, App11	c1518	14.2	0.3	20	1	US-09-771-208-16	Sequence 16, App1
c1446	14.2	0.3	19	1	US-10-322-242-1	Sequence 1, App11	c1519	14.2	0.3	20	1	US-09-978-299A-21	Sequence 21, App1
c1447	14.2	0.3	19	1	US-10-272-465-39	Sequence 39, App1	c1520	14.2	0.3	20	1	US-09-832-621B-1	Sequence 1, App11
c1448	14.2	0.3	19	1	US-10-320-646-12	Sequence 12, App1	c1521	14.2	0.3	20	1	US-09-997-240-6	Sequence 6, App11
c1449	14.2	0.3	19	1	US-10-224-005-148	Sequence 148, App	c1522	14.2	0.3	20	1	US-09-978-697-21	Sequence 21, App1
c1450	14.2	0.3	19	1	US-10-224-005-309	Sequence 309, App	c1523	14.2	0.3	20	1	US-09-978-199A-21	Sequence 21, App1
c1451	14.2	0.3	19	1	US-10-080-381B-61	Sequence 61, App1	c1524	14.2	0.3	20	1	US-09-999-833A-21	Sequence 21, App1
c1452	14.2	0.3	19	1	US-10-251-117-646	Sequence 646, App	c1525	14.2	0.3	20	1	US-09-978-189-21	Sequence 21, App1
c1453	14.2	0.3	19	1	US-10-251-117-953	Sequence 953, App	c1526	14.2	0.3	20	1	US-09-978-189-32	Sequence 32, App1
c1454	14.2	0.3	19	1	US-10-325-023-474	Sequence 474, App	c1527	14.2	0.3	20	1	US-09-898-361-147	Sequence 147, App
c1455	14.2	0.3	19	1	US-10-325-023-641	Sequence 641, App	c1528	14.2	0.3	20	1	US-09-876-233-31	Sequence 31, App1
c1456	14.2	0.3	19	1	US-10-325-023-1212	Sequence 1212, App	c1529	14.2	0.3	20	1	US-09-824-328B-139	Sequence 139, App1
c1457	14.2	0.3	19	1	US-10-371-600-14	Sequence 1379, App	c1530	14.2	0.3	20	1	US-09-863-049A-48	Sequence 48, App1
c1458	14.2	0.3	19	1	US-10-170-172-16	Sequence 16, App1	c1531	14.2	0.3	20	1	US-09-779-155-56	Sequence 56, App1
c1459	14.2	0.3	19	1	US-10-305-309-325	Sequence 325, App	c1532	14.2	0.3	20	1	US-09-880-313A-171	Sequence 171, App
c1460	14.2	0.3	19	1	US-10-205-309-650	Sequence 650, App	c1533	14.2	0.3	20	1	US-09-978-608A-21	Sequence 21, App1
c1461	14.2	0.3	19	1	US-10-331-109-33	Sequence 33, App1	c1534	14.2	0.3	20	1	US-09-865-866-171	Sequence 171, App1
c1462	14.2	0.3	19	1	US-10-187-975-262	Sequence 262, App1	c1535	14.2	0.3	20	1	US-09-988-486-57	Sequence 57, App1
c1463	14.2	0.3	19	1	US-10-429-229-39	Sequence 39, App1	c1536	14.2	0.3	20	1	US-09-978-588A-21	Sequence 21, App1
c1464	14.2	0.3	19	1	US-10-349-143-4635	Sequence 4635, App	c1537	14.2	0.3	20	1	US-09-978-191A-21	Sequence 21, App1
c1465	14.2	0.3	19	1	US-10-349-143-7014	Sequence 7014, App	c1538	14.2	0.3	20	1	US-09-978-403A-21	Sequence 21, App1
c1466	14.2	0.3	19	1	US-10-349-143-10242	Sequence 10242, App	c1539	14.2	0.3	20	1	US-09-978-566A-21	Sequence 21, App1
c1467	14.2	0.3	19	1	US-10-349-143-11676	Sequence 11676, App	c1540	14.2	0.3	20	1	US-09-948-002-15	Sequence 15, App1
c1468	14.2	0.3	19	1	US-10-359-328-5	Sequence 5, App11	c1541	14.2	0.3	20	1	US-09-844-163-114	Sequence 114, App
c1469	14.2	0.3	19	1	US-10-444-925-145	Sequence 26, App1	c1542	14.2	0.3	20	1	US-09-944-163-7	Sequence 7, App11
c1470	14.2	0.3	19	1	US-10-444-925-146	Sequence 145, App	c1543	14.2	0.3	20	1	US-09-999-833A-21	Sequence 21, App1
c1471	14.2	0.3	19	1	US-10-444-925-146	Sequence 291, App	c1544	14.2	0.3	20	1	US-09-949-427-312	Sequence 312, App
c1472	14.2	0.3	19	1	US-10-444-925-146	Sequence 347, App	c1545	14.2	0.3	20	1	US-09-981-918A-21	Sequence 21, App1
c1473	14.2	0.3	19	1	US-10-406-705-63	Sequence 63, App1	c1546	14.2	0.3	20	1	US-09-978-824-21	Sequence 21, App1
c1474	14.2	0.3	19	1	US-10-333-429-217	Sequence 248, App	c1547	14.2	0.3	20	1	US-09-918-588A-21	Sequence 21, App1
c1475	14.2	0.3	19	1	US-10-444-925-146	Sequence 217, App	c1548	14.2	0.3	20	1	US-09-949-428-312	Sequence 312, App
c1476	14.2	0.3	19	1	US-10-444-925-146	Sequence 224, App	c1549	14.2	0.3	20	1	US-09-999-833A-21	Sequence 21, App1
c1477	14.2	0.3	19	1	US-10-664-422-347	Sequence 347, App	c1550	14.2	0.3	20	1	US-09-888-361-147	Sequence 147, App
c1478	14.2	0.3	19	1	US-10-664-422-347	Sequence 347, App	c1551	14.2	0.3	20	1	US-09-978-422A-21	Sequence 21, App1
c1479	14.2	0.3	19	1	US-10-387-346B-154	Sequence 154, App	c1552	14.2	0.3	20	1	US-09-978-191A-21	Sequence 21, App1
c1480	14.2	0.3	19	1	US-10-605-498-88	Sequence 88, App1	c1553	14.2	0.3	20	1	US-09-999-833A-21	Sequence 21, App1
c1481	14.2	0.3	19	1	US-10-636-065-128	Sequence 128, App	c1554	14.2	0.3	20	1	US-09-563-728A-19	Sequence 19, App1
c1482	14.2	0.3	19	1	US-10-665-951-117	Sequence 117, App	c1555	14.2	0.3	20	1	US-09-978-757A-21	Sequence 21, App1
c1483	14.2	0.3	19	1	US-10-665-951-544	Sequence 544, App	c1556	14.2	0.3	20	1	US-09-909-596-62	Sequence 62, App1
c1484	14.2	0.3	19	1	US-10-240-376A-61	Sequence 61, App1	c1557	14.2	0.3	20	1	US-09-920-671-17	Sequence 17, App1
c1485	14.2	0.3	19	1	US-10-332-923-7	Sequence 9, App11	c1558	14.2	0.3	20	1	US-09-920-671-51	Sequence 51, App1
c1486	14.2	0.3	19	1	US-10-332-923-9	Sequence 9, App11	c1559	14.2	0.3	20	1	US-09-919-197-59	Sequence 59, App1
c1487	14.2	0.3	19	1	US-10-731-739-336	Sequence 336, App	c1560	14.2	0.3	20	1	US-09-917-963-79	Sequence 79, App1
c1488	14.2	0.3	20	1	US-10-327-598-814	Sequence 814, App	c1561	14.2	0.3	20	1	US-09-920-033-80	Sequence 80, App1
c1489	14.2	0.3	20	1	US-10-175-492-38	Sequence 38, App1	c1562	14.2	0.3	20	1	US-09-899-440-7	Sequence 7, App11
c1490	14.2	0.3	20	1	US-10-175-492-116	Sequence 116, App	c1563	14.2	0.3	20	1	US-09-845-042-15	Sequence 15, App1
c1491	14.2	0.3	20	1	US-08-983-605-300	Sequence 300, App	c1564	14.2	0.3	20	1	US-09-967-668-31	Sequence 31, App1
c1492	14.2	0.3	20	1	US-09-808-358-7	Sequence 7, App11	c1565	14.2	0.3	20	1	US-09-978-187B-21	Sequence 21, App1
c1493	14.2	0.3	20	1	US-09-735-995-30	Sequence 30, App1	c1566	14.2	0.3	20	1	US-09-978-643A-21	Sequence 21, App1

1567	14.2	0.3	20	1	US-09-961-001-42	Sequence 42, Appl	c1640	14.2	0.3	20	1	US-10-143-028A-21	Sequence 21, Appl
c1568	14.2	0.3	20	1	US-09-961-001-52	Sequence 52, Appl	c1641	14.2	0.3	20	1	US-10-143-029A-21	Sequence 21, Appl
c1569	14.2	0.3	20	1	US-09-978-375A-21	Sequence 21, Appl	c1642	14.2	0.3	20	1	US-10-145-089A-21	Sequence 21, Appl
c1570	14.2	0.3	20	1	US-09-978-298A-21	Sequence 21, Appl	1643	14.2	0.3	20	1	US-10-032-585-5740	Sequence 5740, Ap
c1571	14.2	0.3	20	1	US-09-978-188A-21	Sequence 21, Appl	c1644	14.2	0.3	20	1	US-10-096-399A-21	Sequence 21, Appl
1572	14.2	0.3	20	1	US-09-846-863-66	Sequence 66, Appl	c1645	14.2	0.3	20	1	US-10-165-067A-21	Sequence 21, Appl
c1573	14.2	0.3	20	1	US-09-846-863-67	Sequence 67, Appl	1646	14.2	0.3	20	1	US-10-356-625-96	Sequence 96, Appl
c1574	14.2	0.3	20	1	US-09-750-609-22	Sequence 22, Appl	c1647	14.2	0.3	20	1	US-10-145-017A-21	Sequence 21, Appl
1575	14.2	0.3	20	1	US-09-843-377-45	Sequence 45, Appl	c1648	14.2	0.3	20	1	US-10-164-728A-21	Sequence 21, Appl
c1576	14.2	0.3	20	1	US-09-843-377-55	Sequence 55, Appl	c1649	14.2	0.3	20	1	US-10-013-926A-21	Sequence 21, Appl
c1577	14.2	0.3	20	1	US-09-851-871-216	Sequence 216, App	c1650	14.2	0.3	20	1	US-10-165-247A-21	Sequence 21, Appl
c1578	14.2	0.3	20	1	US-09-978-681A-21	Sequence 21, Appl	c1651	14.2	0.3	20	1	US-10-145-124A-21	Sequence 21, Appl
c1579	14.2	0.3	20	1	US-09-978-194A-21	Sequence 21, Appl	c1652	14.2	0.3	20	1	US-10-160-502A-21	Sequence 21, Appl
c1580	14.2	0.3	20	1	US-09-999-829A-21	Sequence 21, Appl	c1653	14.2	0.3	20	1	US-10-145-087A-21	Sequence 21, Appl
c1581	14.2	0.3	20	1	US-09-978-299A-21	Sequence 21, Appl	1654	14.2	0.3	20	1	US-10-430-156-78	Sequence 78, Appl
c1582	14.2	0.3	20	1	US-09-978-544A-21	Sequence 21, Appl	c1655	14.2	0.3	20	1	US-10-430-156-95	Sequence 95, Appl
c1583	14.2	0.3	20	1	US-09-978-665A-21	Sequence 21, Appl	c1656	14.2	0.3	20	1	US-10-017-086A-21	Sequence 21, Appl
c1584	14.2	0.3	20	1	US-09-978-802A-21	Sequence 21, Appl	c1657	14.2	0.3	20	1	US-10-164-829A-21	Sequence 21, Appl
1585	14.2	0.3	20	1	US-09-960-143-87	Sequence 87, Appl	c1658	14.2	0.3	20	1	US-10-164-929A-21	Sequence 21, Appl
c1586	14.2	0.3	20	1	US-09-999-831A-21	Sequence 21, Appl	1659	14.2	0.3	20	1	US-10-193-477-101	Sequence 101, App
1587	14.2	0.3	20	1	US-09-877-933-11	Sequence 11, Appl	c1660	14.2	0.3	20	1	US-10-193-477-106	Sequence 106, App
c1588	14.2	0.3	20	1	US-10-045-721-6	Sequence 6, Appl	c1661	14.2	0.3	20	1	US-10-013-922A-21	Sequence 21, Appl
c1589	14.2	0.3	20	1	US-10-010-749-11	Sequence 11, Appl	c1662	14.2	0.3	20	1	US-10-126-355-87	Sequence 87, Appl
c1590	14.2	0.3	20	1	US-10-060-301-22	Sequence 22, Appl	c1663	14.2	0.3	20	1	US-10-020-445A-21	Sequence 21, Appl
c1591	14.2	0.3	20	1	US-10-060-301-28	Sequence 28, Appl	c1664	14.2	0.3	20	1	US-10-013-924A-21	Sequence 21, Appl
c1592	14.2	0.3	20	1	US-10-023-610-56	Sequence 56, Appl	c1665	14.2	0.3	20	1	US-10-017-084A-21	Sequence 21, Appl
c1593	14.2	0.3	20	1	US-10-057-550-81	Sequence 81, Appl	c1666	14.2	0.3	20	1	US-10-145-016A-21	Sequence 21, Appl
c1594	14.2	0.3	20	1	US-10-017-081A-21	Sequence 21, Appl	c1667	14.2	0.3	20	1	US-10-145-088A-21	Sequence 21, Appl
c1595	14.2	0.3	20	1	US-10-167-749-21	Sequence 21, Appl	c1668	14.2	0.3	20	1	US-10-145-092A-21	Sequence 21, Appl
c1596	14.2	0.3	20	1	US-10-013-921A-21	Sequence 21, Appl	c1669	14.2	0.3	20	1	US-10-145-129A-21	Sequence 21, Appl
c1597	14.2	0.3	20	1	US-10-013-923A-21	Sequence 21, Appl	c1670	14.2	0.3	20	1	US-10-165-038A-21	Sequence 21, Appl
1598	14.2	0.3	20	1	US-10-222-334-48	Sequence 48, Appl	c1671	14.2	0.3	20	1	US-10-165-353A-21	Sequence 21, Appl
c1600	14.2	0.3	20	1	US-10-222-334-49	Sequence 49, Appl	c1672	14.2	0.3	20	1	US-10-167-600-21	Sequence 21, Appl
c1601	14.2	0.3	20	1	US-10-016-177A-21	Sequence 21, Appl	c1673	14.2	0.3	20	1	US-10-170-481A-21	Sequence 21, Appl
1602	14.2	0.3	20	1	US-10-175-225-9	Sequence 9, Appl	c1674	14.2	0.3	20	1	US-10-172-039A-21	Sequence 21, Appl
c1603	14.2	0.3	20	1	US-10-181-107-159	Sequence 159, Appl	c1675	14.2	0.3	20	1	US-10-017-085A-21	Sequence 21, Appl
c1604	14.2	0.3	20	1	US-10-181-846-51	Sequence 51, Appl	c1676	14.2	0.3	20	1	US-10-013-925A-21	Sequence 21, Appl
c1605	14.2	0.3	20	1	US-10-016-149-68	Sequence 68, Appl	c1677	14.2	0.3	20	1	US-10-148-835-74	Sequence 74, Appl
c1606	14.2	0.3	20	1	US-10-166-709A-21	Sequence 21, Appl	c1678	14.2	0.3	20	1	US-10-148-835-86	Sequence 86, Appl
c1607	14.2	0.3	20	1	US-10-007-078-13	Sequence 13, Appl	1679	14.2	0.3	20	1	US-10-143-026B-21	Sequence 21, Appl
c1608	14.2	0.3	20	1	US-10-188-404-27	Sequence 27, Appl	c1680	14.2	0.3	20	1	US-10-461-668-40	Sequence 40, Appl
c1609	14.2	0.3	20	1	US-10-188-404-28	Sequence 28, Appl	c1681	14.2	0.3	20	1	US-10-013-918A-21	Sequence 21, Appl
c1610	14.2	0.3	20	1	US-10-188-404-29	Sequence 29, Appl	c1682	14.2	0.3	20	1	US-10-162-521A-21	Sequence 21, Appl
c1611	14.2	0.3	20	1	US-10-188-404-30	Sequence 30, Appl	c1683	14.2	0.3	20	1	US-10-144-140-14	Sequence 14, Appl
c1612	14.2	0.3	20	1	US-10-188-404-63	Sequence 63, Appl	c1684	14.2	0.3	20	1	US-10-181-874-27	Sequence 27, Appl
1612	14.2	0.3	20	1	US-10-337-321-20	Sequence 20, Appl	1685	14.2	0.3	20	1	US-10-013-928A-21	Sequence 21, Appl
c1613	14.2	0.3	20	1	US-10-003-919-29	Sequence 29, Appl	c1686	14.2	0.3	20	1	US-10-162-522A-21	Sequence 21, Appl
1614	14.2	0.3	20	1	US-10-003-919-57	Sequence 57, Appl	c1687	14.2	0.3	20	1	US-10-162-522A-21	Sequence 21, Appl
1615	14.2	0.3	20	1	US-10-279-186-15	Sequence 15, Appl	1688	14.2	0.3	20	1	US-10-147-196-80	Sequence 80, Appl
c1616	14.2	0.3	20	1	US-10-232-561-3	Sequence 3, Appl	1689	14.2	0.3	20	1	US-10-380-931-142	Sequence 142, App
c1617	14.2	0.3	20	1	US-10-143-031A-21	Sequence 21, Appl	c1690	14.2	0.3	20	1	US-10-013-923A-21	Sequence 21, Appl
c1618	14.2	0.3	20	1	US-10-020-478-23	Sequence 23, Appl	c1691	14.2	0.3	20	1	US-10-013-925A-21	Sequence 21, Appl
c1619	14.2	0.3	20	1	US-10-033-743-11	Sequence 11, Appl	c1692	14.2	0.3	20	1	US-10-013-927A-21	Sequence 21, Appl
c1620	14.2	0.3	20	1	US-10-024-336-86	Sequence 86, Appl	c1693	14.2	0.3	20	1	US-10-055-624B-15	Sequence 15, Appl
c1621	14.2	0.3	20	1	US-10-143-030A-21	Sequence 21, Appl	1694	14.2	0.3	20	1	US-10-284-559-13	Sequence 13, Appl
c1622	14.2	0.3	20	1	US-10-002-967A-21	Sequence 21, Appl	1695	14.2	0.3	20	1	US-10-146-860-76	Sequence 76, Appl
c1623	14.2	0.3	20	1	US-10-017-083A-21	Sequence 21, Appl	1696	14.2	0.3	20	1	US-10-360-510-121	Sequence 121, App
c1624	14.2	0.3	20	1	US-10-367-724-5	Sequence 5, Appl	1697	14.2	0.3	20	1	US-10-360-510-120	Sequence 120, App
c1625	14.2	0.3	20	1	US-10-367-724-5	Sequence 5, Appl	1698	14.2	0.3	20	1	US-10-349-607-64	Sequence 64, Appl
c1626	14.2	0.3	20	1	US-10-051-819B-17	Sequence 17, Appl	c1699	14.2	0.3	20	1	US-10-160-497-28	Sequence 28, Appl
1627	14.2	0.3	20	1	US-10-083-246A-149	Sequence 149, App	1700	14.2	0.3	20	1	US-10-160-497-99	Sequence 99, Appl
c1628	14.2	0.3	20	1	US-10-145-128A-21	Sequence 21, Appl	c1701	14.2	0.3	20	1	US-10-161-996-137	Sequence 137, App
c1629	14.2	0.3	20	1	US-10-376-566-25	Sequence 25, Appl	c1702	14.2	0.3	20	1	US-10-161-996-257	Sequence 257, Appl
c1630	14.2	0.3	20	1	US-10-376-566-35	Sequence 35, Appl	1703	14.2	0.3	20	1	US-10-162-846-39	Sequence 39, Appl
1631	14.2	0.3	20	1	US-10-251-210-40	Sequence 40, Appl	c1704	14.2	0.3	20	1	US-10-162-846-109	Sequence 109, App
c1632	14.2	0.3	20	1	US-10-127-653-4	Sequence 4, Appl	c1705	14.2	0.3	20	1	US-10-161-983-16	Sequence 16, Appl
c1633	14.2	0.3	20	1	US-10-017-191A-21	Sequence 21, Appl	c1706	14.2	0.3	20	1	US-10-161-983-53	Sequence 53, Appl
c1634	14.2	0.3	20	1	US-10-091-625-40	Sequence 40, Appl	c1707	14.2	0.3	20	1	US-10-348-750-28	Sequence 28, Appl
c1635	14.2	0.3	20	1	US-10-251-598-58	Sequence 0, Appl	1708	14.2	0.3	20	1	US-10-348-750-99	Sequence 99, Appl
1636	14.2	0.3	20	1	US-10-142-666-82	Sequence 82, Appl	c1709	14.2	0.3	20	1	US-10-388-263-410	Sequence 410, App
1637	14.2	0.3	20	1	US-10-302-279-64	Sequence 64, Appl	1710	14.2	0.3	20	1	US-10-388-263-616	Sequence 616, App
1638	14.2	0.3	20	1	US-10-305-810-34	Sequence 34, Appl	1711	14.2	0.3	20	1	US-10-104-047-4028	Sequence 4028, Ap
1639	14.2	0.3	20	1	US-10-407-461-7	Sequence 7, Appl	c1712	14.2	0.3	20	1	US-10-277-216-128	Sequence 128, App

1713	14.2	0.3	20	1	US-10-174-014-50	Sequence 50, Appl
1714	14.2	0.3	20	1	US-10-174-014-73	Sequence 73, Appl
1715	14.2	0.3	20	1	US-10-145-093A-21	Sequence 21, Appl
1716	14.2	0.3	20	1	US-10-349-143-4755	Sequence 4755, Ap
1717	14.2	0.3	20	1	US-10-349-143-7052	Sequence 7052, Ap
1718	14.2	0.3	20	1	US-10-013-919A-21	Sequence 21, Appl
1719	14.2	0.3	20	1	US-10-289-762-1907	Sequence 1907, Ap
1720	14.2	0.3	20	1	US-10-289-762-4382	Sequence 4382, Ap
1721	14.2	0.3	20	1	US-10-289-762-4475	Sequence 4475, Ap
1722	14.2	0.3	20	1	US-10-289-762-4578	Sequence 4578, Ap
1723	14.2	0.3	20	1	US-10-289-762-5536	Sequence 5536, Ap
1724	14.2	0.3	20	1	US-10-289-762-6307	Sequence 6307, Ap
1725	14.2	0.3	20	1	US-10-289-762-6456	Sequence 6456, Ap
1726	14.2	0.3	20	1	US-10-289-762-6599	Sequence 6599, Ap
1727	14.2	0.3	20	1	US-10-013-920A-21	Sequence 21, Appl
1728	14.2	0.3	20	1	US-10-352-179-19	Sequence 19, Appl
1729	14.2	0.3	20	1	US-10-162-335-138	Sequence 138, Appl
1730	14.2	0.3	20	1	US-10-162-335-139	Sequence 139, Appl
1731	14.2	0.3	20	1	US-10-447-136-113	Sequence 113, Appl
1732	14.2	0.3	20	1	US-10-199-675-55	Sequence 55, Appl
1733	14.2	0.3	20	1	US-10-199-675-101	Sequence 101, Appl
1734	14.2	0.3	20	1	US-10-262-445-70	Sequence 70, Appl
1735	14.2	0.3	20	1	US-10-262-445-90	Sequence 90, Appl
1736	14.2	0.3	20	1	US-10-262-445-103	Sequence 103, Appl
1737	14.2	0.3	20	1	US-10-203-398A-6	Sequence 6, Appl
1738	14.2	0.3	20	1	US-10-455-229-17	Sequence 17, Appl
1739	14.2	0.3	20	1	US-10-398-006-27	Sequence 27, Appl
1740	14.2	0.3	20	1	US-10-126-022-128	Sequence 128, Appl
1741	14.2	0.3	20	1	US-10-212-848-56	Sequence 56, Appl
1742	14.2	0.3	20	1	US-10-210-479-32	Sequence 32, Appl
1743	14.2	0.3	20	1	US-10-212-993-64	Sequence 64, Appl
1744	14.2	0.3	20	1	US-10-212-993-117	Sequence 117, Appl
1745	14.2	0.3	20	1	US-10-444-206-216	Sequence 216, Appl
1746	14.2	0.3	20	1	US-10-164-749A-21	Sequence 21, Appl
1747	14.2	0.3	20	1	US-10-215-448-71	Sequence 71, Appl
1748	14.2	0.3	20	1	US-10-345-444B-32	Sequence 32, Appl
1749	14.2	0.3	20	1	US-10-398-101-10	Sequence 10, Appl
1750	14.2	0.3	20	1	US-10-092-900A-468	Sequence 468, Appl
1751	14.2	0.3	20	1	US-10-665-216-31	Sequence 31, Appl
1752	14.2	0.3	20	1	US-10-037-417-179	Sequence 179, Appl
1753	14.2	0.3	20	1	US-10-633-163-15	Sequence 15, Appl
1754	14.2	0.3	20	1	US-10-013-917A-21	Sequence 21, Appl
1755	14.2	0.3	20	1	US-10-632-426-11	Sequence 11, Appl
1756	14.2	0.3	20	1	US-10-189-818B-28	Sequence 28, Appl
1757	14.2	0.3	20	1	US-10-296-242-16	Sequence 16, Appl
1758	14.2	0.3	20	1	US-10-272-810-71	Sequence 71, Appl
1759	14.2	0.3	20	1	US-10-273-070-71	Sequence 71, Appl
1760	14.2	0.3	20	1	US-10-696-708-30	Sequence 30, Appl
1761	14.2	0.3	20	1	US-10-280-183A-259	Sequence 259, Appl
1762	14.2	0.3	20	1	US-10-300-263-61	Sequence 61, Appl
1763	14.2	0.3	20	1	US-10-300-263-130	Sequence 130, Appl
1764	14.2	0.3	20	1	US-10-300-424-74	Sequence 74, Appl
1765	14.2	0.3	20	1	US-10-299-089-66	Sequence 66, Appl
1766	14.2	0.3	20	1	US-10-299-089-130	Sequence 130, Appl
1767	14.2	0.3	20	1	US-10-300-399-22	Sequence 22, Appl
1768	14.2	0.3	20	1	US-10-300-399-100	Sequence 100, Appl
1769	14.2	0.3	20	1	US-10-303-165-69	Sequence 69, Appl
1770	14.2	0.3	20	1	US-10-303-165-137	Sequence 137, Appl
1771	14.2	0.3	20	1	US-10-304-116-38	Sequence 38, Appl
1772	14.2	0.3	20	1	US-10-304-116-107	Sequence 107, Appl
1773	14.2	0.3	20	1	US-10-302-028-19	Sequence 19, Appl
1774	14.2	0.3	20	1	US-10-304-113-35	Sequence 35, Appl
1775	14.2	0.3	20	1	US-10-688-706-976	Sequence 976, Appl
1776	14.2	0.3	20	1	US-10-688-706-1274	Sequence 1274, Ap
1777	14.2	0.3	20	1	US-10-688-706-2467	Sequence 2467, Ap
1778	14.2	0.3	20	1	US-10-688-706-2908	Sequence 2908, Ap
1779	14.2	0.3	20	1	US-10-304-113-42	Sequence 42, Appl
1780	14.2	0.3	20	1	US-10-304-113-120	Sequence 120, Appl
1781	14.2	0.3	20	1	US-10-648-593-396	Sequence 396, Appl
1782	14.2	0.3	20	1	US-10-315-765-54	Sequence 54, Appl
1783	14.2	0.3	20	1	US-10-316-231-52	Sequence 52, Appl
1784	14.2	0.3	20	1	US-10-316-231-124	Sequence 124, Appl
1785	14.2	0.3	20	1	US-10-316-459-82	Sequence 82, Appl

c1786	14.2	0.3	20	1	US-10-316-459-160	Sequence 160, Appl
c1787	14.2	0.3	20	1	US-10-316-755-49	Sequence 49, Appl
1788	14.2	0.3	20	1	US-10-316-755-135	Sequence 125, Appl
1789	14.2	0.3	20	1	US-10-316-755-198	Sequence 198, Appl
1790	14.2	0.3	20	1	US-10-317-271A-72	Sequence 72, Appl
c1791	14.2	0.3	20	1	US-10-317-271A-77	Sequence 77, Appl
c1792	14.2	0.3	20	1	US-10-317-271A-148	Sequence 148, Appl
c1793	14.2	0.3	20	1	US-10-317-280-20	Sequence 20, Appl
c1794	14.2	0.3	20	1	US-10-317-280-96	Sequence 96, Appl
c1795	14.2	0.3	20	1	US-10-316-389-20	Sequence 20, Appl
1796	14.2	0.3	20	1	US-10-316-389-94	Sequence 94, Appl
c1797	14.2	0.3	20	1	US-10-415-463-55	Sequence 55, Appl
c1798	14.2	0.3	20	1	US-10-222-679-1	Sequence 1, Appl
c1799	14.2	0.3	20	1	US-10-319-893-55	Sequence 55, Appl
1800	14.2	0.3	20	1	US-10-319-893-130	Sequence 130, Appl
1801	14.2	0.3	20	1	US-10-303-588-6	Sequence 6, Appl
1802	14.2	0.3	20	1	US-10-316-515-34	Sequence 34, Appl
c1803	14.2	0.3	20	1	US-10-316-515-64	Sequence 64, Appl
c1804	14.2	0.3	20	1	US-10-467-008-56	Sequence 56, Appl
c1805	14.2	0.3	20	1	US-10-381-908-16	Sequence 16, Appl
1806	14.2	0.3	20	1	US-10-381-908-34	Sequence 34, Appl
1807	14.2	0.3	20	1	US-10-671-395-95	Sequence 95, Appl
1808	14.2	0.3	20	1	US-10-671-395-110	Sequence 110, Appl
c1809	14.2	0.3	20	1	US-10-671-395-466	Sequence 466, Appl
c1810	14.2	0.3	20	1	US-10-671-395-654	Sequence 654, Appl
1811	14.2	0.3	20	1	US-10-671-395-958	Sequence 958, Appl
1812	14.2	0.3	20	1	US-10-671-395-1064	Sequence 1064, Appl
c1813	14.2	0.3	20	1	US-10-671-395-1115	Sequence 1115, Ap
1814	14.2	0.3	20	1	US-10-671-395-1157	Sequence 1157, Ap
1815	14.2	0.3	20	1	US-10-671-395-1173	Sequence 1173, Ap
c1816	14.2	0.3	20	1	US-10-671-395-1273	Sequence 1273, Ap
c1817	14.2	0.3	20	1	US-10-671-395-1519	Sequence 1519, Ap
c1818	14.2	0.3	20	1	US-10-728-399-87	Sequence 87, Appl
1819	14.2	0.3	20	1	US-10-728-399-141	Sequence 141, Appl
1820	14.2	0.3	20	1	US-10-673-888A-10	Sequence 10, Appl
1821	14.2	0.3	20	1	US-10-337-231-20	Sequence 20, Appl
1822	14.2	0.3	20	1	US-10-652-795-139	Sequence 139, Appl
1823	14.2	0.3	20	1	US-10-647-918-139	Sequence 139, Appl
1824	14.2	0.3	20	1	US-10-819-244-45	Sequence 45, Appl
c1825	14.2	0.3	20	1	US-10-819-244-55	Sequence 55, Appl
1826	14.2	0.3	20	1	US-10-619-733-531	Sequence 531, Appl
c1827	14.2	0.3	20	1	US-10-175-608-32	Sequence 32, Appl
c1828	14.2	0.3	20	1	US-10-175-608-33	Sequence 33, Appl
1829	14.2	0.3	20	1	US-10-723-552-71	Sequence 71, Appl
c1830	14.2	0.3	20	1	US-10-394-808-97	Sequence 97, Appl
1831	14.2	0.3	20	1	US-10-394-808-152	Sequence 152, Appl
c1832	14.2	0.3	20	1	US-10-835-208-59	Sequence 59, Appl

ALIGNMENTS

US-10-131-827-502

Sequence 502, Application US/10131827

Publication No. US20040009479A1

GENERAL INFORMATION:

APPLICANT: Wohlgenuth, Jay

APPLICANT: FTY, Kirk

APPLICANT: Woodward, Robert

APPLICANT: LV, Ngoc

TITLE OF INVENTION: CHRONIC INFLAMMATORY DISEASES

FILE REFERENCE: 506612000120

CURRENT APPLICATION NUMBER: US/10/131.827

CURRENT FILING DATE: 2002-09-06

PRIOR APPLICATION NUMBER: US 10/006,290

PRIOR FILING DATE: 2001-10-22

PRIOR APPLICATION NUMBER: US 60/296,764

PRIOR FILING DATE: 2001-06-08

NUMBER OF SEQ ID NOS: 9090

SOFTWARE: PatentIn version 3.1

SEQ ID NO 502

```
; LENGTH: 50
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-131-827-502

Query Match          0.9%; Score 50; DB 1; Length 50;
Best Local Similarity 100.0%; Pred. No. 0.0019;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 5148 AACCATTTGCTCTGCTGTGTGCACAGGGTGAGCCCCAAATTGGGGTTTC 5197
Db 1 AACCATTTGCTCTGCTGTGTGTGCACAGGGTGAGCCCCAAATTGGGGTTTC 50

RESULT 2
US-10-131-827-3210
; Sequence 3210, Application US/10131827
; Publication No. US20040009479A1
; GENERAL INFORMATION:
; APPLICANT: Wohlgenuth, Jay
; APPLICANT: Fry, Kirk
; APPLICANT: Woodward, Robert
; APPLICANT: Ly, Ngoc
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE
; TITLE OF INVENTION: CHRONIC INFLAMMATORY DISEASES
; FILE REFERENCE: 506612000120
; CURRENT APPLICATION NUMBER: US/10/131,827
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US 10/006,290
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/296,764
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 9090
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3210
; LENGTH: 50
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-131-827-3210

Query Match          0.9%; Score 50; DB 1; Length 50;
Best Local Similarity 100.0%; Pred. No. 0.0019;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 5160 CTGGCTGTGTGCACAGGGTGAGCCCCAAATTGGGGTTTCAGCTGGAGGC 5209
Db 1 CTGGCTGTGTGCACAGGGTGAGCCCCAAATTGGGGTTTCAGCTGGAGGC 50

RESULT 3
US-10-131-827-3470
; Sequence 3470, Application US/10131827
; Publication No. US20040009479A1
; GENERAL INFORMATION:
; APPLICANT: Wohlgenuth, Jay
; APPLICANT: Fry, Kirk
; APPLICANT: Woodward, Robert
; APPLICANT: Ly, Ngoc
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE
; TITLE OF INVENTION: CHRONIC INFLAMMATORY DISEASES
; FILE REFERENCE: 506612000120
; CURRENT APPLICATION NUMBER: US/10/131,827
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US 10/006,290
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/296,764
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 9090
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3470
; LENGTH: 50
; TYPE: DNA
; ORGANISM: Homo sapiens
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US-10-131-827-3470

Query Match          0.9%; Score 50; DB 1; Length 50;
Best Local Similarity 100.0%; Pred. No. 0.0019;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 5160 CTGGCTGTGTGCACAGGGTGAGCCCCAAATTGGGGTTTCAGCTGGAGGC 5209
Db 1 CTGGCTGTGTGCACAGGGTGAGCCCCAAATTGGGGTTTCAGCTGGAGGC 50

RESULT 4
US-10-131-827-7915
; Sequence 7915, Application US/10131827
; Publication No. US20040009479A1
; GENERAL INFORMATION:
; APPLICANT: Wohlgenuth, Jay
; APPLICANT: Fry, Kirk
; APPLICANT: Woodward, Robert
; APPLICANT: Ly, Ngoc
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE
; TITLE OF INVENTION: CHRONIC INFLAMMATORY DISEASES
; FILE REFERENCE: 506612000120
; CURRENT APPLICATION NUMBER: US/10/131,827
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US 10/006,290
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/296,764
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 9090
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7915
; LENGTH: 50
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-131-827-7915

Query Match          0.9%; Score 50; DB 1; Length 50;
Best Local Similarity 100.0%; Pred. No. 0.0019;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 5131 GAATGAGGAGGACATGGAACCATTTGCTGTGTGTGCACAGGGTGAG 5180
Db 1 GAATGAGGAGGACATGGAACCATTTGCTGTGTGTGCACAGGGTGAG 50

RESULT 5
US-09-956-712-6
; Sequence 6, Application US/09956712
; Publication No. US20030092648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: R15-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 6
; LENGTH: 33
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Probe
US-09-956-712-6

Query Match          0.6%; Score 33; DB 1; Length 33;
Best Local Similarity 100.0%; Pred. No. 1.1;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1486 CTGATACCAAGAACTCGCATAGTCATCTAGT 1518
Db 1 CTGATACCAAGAACTCGCATAGTCATCTAGT 33
```

```
RESULT 6
US-10-633-913-6
; Sequence 6, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Preler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; PRIOR FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 6
; LENGTH: 33
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Probe
US-10-633-913-6

Query Match          0.4%; Score 33; DB 1; Length 33;
Best Local Similarity 100.0%; Pred. No. 1.1;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1486 CTGATACCCAGAACCTGCTAGTCATCTG 1518
DB      1   CTGATACCCAGAACCTGCTAGTCATCTG 33

RESULT 7
US-10-407-818-1/c
; Sequence 1, Application US/10407818
; Publication No. US20040198971A1
; GENERAL INFORMATION:
; APPLICANT: RABIANI, ELAZAR
; APPLICANT: STAVRINPOULOS, JANNIS G.
; APPLICANT: DONEGAN, JAMES J.
; TITLE OF INVENTION: MULTISIGNAL LABELING REAGENTS, AND PROCESSES AND USES
; FILE REFERENCE: ENZ-65
; CURRENT APPLICATION NUMBER: US/10/407,818
; CURRENT FILING DATE: 2003-04-03
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 1
; LENGTH: 33
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-407-818-1

Query Match          0.4%; Score 23.4; DB 1; Length 33;
Best Local Similarity 81.8%; Pred. No. 45;
Matches 27; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAGAAAAATGAAATTA 5425
DB      33 AAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 8
US-09-956-712-4
; Sequence 4, Application US/09956712
; Publication No. US20030092648A1
```

```
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Preler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 4
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-09-956-712-4

Query Match          0.4%; Score 23; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1432 GTGAGAGAAATCGAGACATT 1454
DB      1   GTGAGAGAAATCGAGACATT 23

RESULT 9
US-10-633-913-4
; Sequence 4, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Preler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 4
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-633-913-4

Query Match          0.4%; Score 23; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1432 GTGAGAGAAATCGAGACATT 1454
DB      1   GTGAGAGAAATCGAGACATT 23

RESULT 10
US-10-108-969-8/c
; Sequence 8, Application US/10108969
; Publication No. US20030198959A1
; GENERAL INFORMATION:
; APPLICANT: Kunitz, David M.
; TITLE OF INVENTION: Methods and Compositions for Analysis of Urine Samples in the Dia
; FILE REFERENCE: 65988-0001
; CURRENT APPLICATION NUMBER: US/10/108,969
; CURRENT FILING DATE: 2002-03-28
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patent In version 3.1
; SEQ ID NO 8
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
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```
FEATURE:
; OTHER INFORMATION: Human beta-actin reverse primer
US-10-108-969-8

Query Match          0.4%; Score 23; DB 1; Length 32;
Best Local Similarity 83.9%; Pred. No. 51;
Matches 26; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 5393 TTTAAAAATACAAAAAGAAAAATGAAATTA 5421
Db 31 TTTAAAAATACAAAAAGAAAAATGAAATTA 1

RESULT 11
US-10-371-600-2/c
; Sequence 2, Application US/10371600
; Publication No. US20030180776A1
; GENERAL INFORMATION:
; APPLICANT: WU, MING
; APPLICANT: ULMAN, EDWIN F.
; TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
; FILE REFERENCE: 3817.10-2
; CURRENT APPLICATION NUMBER: US/10/371,600
; PRIOR FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: 60/359,223
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: 60/379,360
; PRIOR FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 2
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-371-600-2

Query Match          0.4%; Score 22.4; DB 1; Length 32;
Best Local Similarity 81.2%; Pred. No. 65;
Matches 26; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAGAAAAATGAAATTA 5424
Db 32 AAAAAATACAAAAAGAAAAATGAAATTA 1

RESULT 12
US-10-371-600-9
; Sequence 9, Application US/10371600
; Publication No. US20030180776A1
; GENERAL INFORMATION:
; APPLICANT: WU, MING
; APPLICANT: ULMAN, EDWIN F.
; TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
; FILE REFERENCE: 3817.10-2
; CURRENT APPLICATION NUMBER: US/10/371,600
; PRIOR FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: 60/359,223
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: 60/379,360
; PRIOR FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 9
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-371-600-9
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```
Query Match          0.4%; Score 22.4; DB 1; Length 32;
Best Local Similarity 81.2%; Pred. No. 65;
Matches 26; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAGAAAAATGAAATTA 5424
Db 1 AAAAAATACAAAAAGAAAAATGAAATTA 32

RESULT 13
US-10-371-600-10/c
; Sequence 10, Application US/10371600
; Publication No. US20030180776A1
; GENERAL INFORMATION:
; APPLICANT: WU, MING
; APPLICANT: ULMAN, EDWIN F.
; TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
; FILE REFERENCE: 3817.10-2
; CURRENT APPLICATION NUMBER: US/10/371,600
; PRIOR FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: 60/359,223
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: 60/379,360
; PRIOR FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 10
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-371-600-10

Query Match          0.4%; Score 22.4; DB 1; Length 32;
Best Local Similarity 81.2%; Pred. No. 65;
Matches 26; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAGAAAAATGAAATTA 5424
Db 32 AAAAAATACAAAAAGAAAAATGAAATTA 1

RESULT 14
US-09-956-712-5/c
; Sequence 5, Application US/09956712
; Publication No. US2003092648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 5
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
FEATURE:
; OTHER INFORMATION: PCR Primer
US-09-956-712-5

Query Match          0.4%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 60;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1531 GGAATTGGGAAGTCAACACTGG 1552
Db 22 GGAATTGGGAAGTCAACACTGG 1
```

```
RESULT 15
US-10-633-913-5/c
; Sequence 5, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Preleier
; TITLE OF INVENTION: ANTISENSE MODULATION OF MNC EXPRESSION
; FILE REFERENCE: R1S-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; PRIOR FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 5
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-633-913-5

Query Match          0.4%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 60;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1531 GGAATTGGAGAGTCAACACTGG 1552
DB      22  GGAATTGGAGAGTCAACACTGG 1

RESULT 16
US-09-388-221-16/c
; Sequence 16, Application US/09388221A
; Publication No. US20020192643A1
; GENERAL INFORMATION:
; APPLICANT: Reed, John C.
; TITLE OF INVENTION: NO. US20020192643A1 Card Proteins Involved in Cell Death Regul
; FILE REFERENCE: P-LJ 3650
; CURRENT APPLICATION NUMBER: US/09/388,221A
; CURRENT FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-388-221-16

Query Match          0.4%; Score 22; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 72;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3891 GACCGTTGAGATTGAATTGTGT 3912
DB      30  GACCGTTGAGATTGAATTGTGT 9

RESULT 17
US-09-388-221-15
; Sequence 15, Application US/09388221A
; Publication No. US20020192643A1
; GENERAL INFORMATION:
; APPLICANT: Reed, John C.
; TITLE OF INVENTION: NO. US20020192643A1 Card Proteins Involved in Cell Death Regul
; FILE REFERENCE: P-LJ 3650
; CURRENT APPLICATION NUMBER: US/09/388,221A
; CURRENT FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
```

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; SEQ ID NO 15
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-388-221-15

Query Match          0.4%; Score 22; DB 1; Length 31;
Best Local Similarity 100.0%; Pred. No. 74;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1498 GAACCTCCAGATGATCATCTGC 1519
DB      10  GAACCTCCAGATGATCATCTGC 31

RESULT 18
US-10-131-827-3210/c
; Sequence 3210, Application US/10131827
; Publication No. US20040009479A1
; GENERAL INFORMATION:
; APPLICANT: Wohlgemuth, Jay
; APPLICANT: Fry, Kirk
; APPLICANT: Woodward, Robert
; APPLICANT: Ly, Ngoc
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE
; TITLE OF INVENTION: CHRONIC INFLAMMATORY DISEASES
; FILE REFERENCE: 506612000120
; CURRENT APPLICATION NUMBER: US/10/131,827
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US 10/006,290
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/296,764
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 9090
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3210
; LENGTH: 50
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-131-827-3210

Query Match          0.4%; Score 22; DB 1; Length 50;
Best Local Similarity 73.7%; Pred. No. 97;
Matches 28; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY      5169 TCACAGGGGTGAGCCCCCAAAATTGGGGTTCAAGCGTGGGA 5206
DB      47  TCACAGGGGTGAGCCCCCAAAATTGGGGGTCAACCTGTGA 10

RESULT 19
US-10-131-827-3470/c
; Sequence 3470, Application US/10131827
; Publication No. US20040009479A1
; GENERAL INFORMATION:
; APPLICANT: Wohlgemuth, Jay
; APPLICANT: Fry, Kirk
; APPLICANT: Woodward, Robert
; APPLICANT: Ly, Ngoc
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE
; TITLE OF INVENTION: CHRONIC INFLAMMATORY DISEASES
; FILE REFERENCE: 506612000120
; CURRENT APPLICATION NUMBER: US/10/131,827
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US 10/006,290
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/296,764
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 9090
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3470
```

LENGTH: 50
TYPE: DNA
ORGANISM: Homo sapiens
US-10-131-827-3470

Query Match 0.4%; Score 22; DB 1; Length 50;
Best Local Similarity 73.7%; Pred. No. 97;
Matches 28; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 5169 TCACAGGCTGAGCCCAAAATTGGGCTCAGCGTGGGA 5206
DB 47 TCCACGCTGAACCCCAATTGGGGCTCACCCTGTGA 10

RESULT 20
US-10-309-775A-74/C
Sequence 74, Application US/10309775A
Publication No. US20040006032A1
GENERAL INFORMATION:
APPLICANT: LOPEZ, Ricardo A.
TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
FILE REFERENCE: 2901/OM327
CURRENT APPLICATION NUMBER: US/10/309,775A
CURRENT FILING DATE: 2002-12-04
PRIOR APPLICATION NUMBER: CA 2,388,049
PRIOR FILING DATE: 2002-05-30
NUMBER OF SEQ ID NOS: 74
SOFTWARE: PatentIn version 3.1
SEQ ID NO 74
LENGTH: 28
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR primer
US-10-309-775A-74

Query Match 0.4%; Score 21.6; DB 1; Length 28;
Best Local Similarity 85.7%; Pred. No. 81;
Matches 24; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5394 AAAAAATACAAAAAGAAAAAATGAAA 5421
DB 28 AAAAAAAAAAAAAAAAACAAAATGAAA 1

RESULT 21
US-09-388-221-17
Sequence 17, Application US/09388221A
Publication No. US20020192643A1
GENERAL INFORMATION:
APPLICANT: Reed, John C.
TITLE OF INVENTION: No. US20020192643A1 Card Proteins Involved in Cell Death Regul
FILE REFERENCE: P-1J 3650
CURRENT APPLICATION NUMBER: US/09/388,221A
CURRENT FILING DATE: 1999-09-01
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 17
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-09-388-221-17

Query Match 0.4%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 86;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3873 TGTGATGAGAGAAGCGGTGAC 3893
DB 1 TGTGATGAGAGAAGCGGTGAC 21

RESULT 22

US-10-407-818-2/C
Sequence 2, Application US/10407818
Publication No. US20040198971A1
GENERAL INFORMATION:
APPLICANT: RABRANT, BLAZAR
APPLICANT: STAVRINOBLOUS, JANNIS G.
TITLE OF INVENTION: MULTISIGNAL LABELING REAGENTS, AND PROCESSES AND USES
FILE REFERENCE: ENZ-65
CURRENT APPLICATION NUMBER: US/10/407,818
CURRENT FILING DATE: 2003-04-03
NUMBER OF SEQ ID NOS: 16
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 2
LENGTH: 29
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
OTHER INFORMATION: Synthetic oligonucleotide
FEATURE:
OTHER INFORMATION: oligonucleotide
OTHER INFORMATION: 3'-amdated
US-10-407-818-2

Query Match 0.4%; Score 21; DB 1; Length 29;
Best Local Similarity 82.8%; Pred. No. 1e+02;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAAATGAAA 5421
DB 29 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 23
US-09-388-221-18/C
Sequence 18, Application US/09388221A
Publication No. US20020192643A1
GENERAL INFORMATION:
APPLICANT: Reed, John C.
TITLE OF INVENTION: No. US20020192643A1 Card Proteins Involved in Cell Death Regul
FILE REFERENCE: P-1J 3650
CURRENT APPLICATION NUMBER: US/09/388,221A
CURRENT FILING DATE: 1999-09-01
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 18
LENGTH: 30
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-388-221-18

Query Match 0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4847 GCTTGGCTGACCTTCTTTG 4867
DB 30 GCTTGGCTGACCTTCTTTG 10

RESULT 24
US-09-880-727-10
Sequence 10, Application US/09880727
Publication No. US20030064364A1
GENERAL INFORMATION:
APPLICANT: Lockhart, David J.
Chee, Mark


```
/ Gunderson, Kevin
/ Chaodiang, Lai
/ Modicka, Lisa
/ Cronlin, Maureen T.
/ Lee, Danny
/ Tran, Huu M.
/ Matsuzaki, Hajime
/ McCall, Glenn H.
/ TITLE OF INVENTION: NUCLEIC ACID ANALYSIS TECHNIQUES
/ NUMBER OF SEQUENCES: 32
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Joe Liebeschuetz
/ STREET: Two Embarcadero Center, Eighth Floor
/ CITY: San Francisco
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 94111-3834
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: IBM PC compatible
/ SOFTWARE: Patent Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/880,727
/ FILING DATE: 13-Jun-2001
/ CLASSIFICATION: <Unknown>
/ PRIORITY APPLICATION DATA:
/ APPLICATION NUMBER: 08/882,649
/ FILING DATE: <Unknown>
/ APPLICATION NUMBER: US 60/035,170
/ FILING DATE: 09-JAN-1997
/ APPLICATION NUMBER: PCT/US97/01603
/ FILING DATE: 22-JAN-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Liebeschuetz, Joe
/ REGISTRATION NUMBER: 37,505
/ REFERENCE/DOCKET NUMBER: 018547-019410US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 576-0200
/ TELEFAX: (415) 576-0300
/ INFORMATION FOR SEQ ID NO: 10:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 30 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ HYPOTHETICAL: YES
/ (ix) Features:
/ SEQUENCE DESCRIPTION: SEQ ID NO: 10:
/ US-09-880-727-10
/
/ Query Match 0.4%; Score 21; DB 1; Length 30;
/ Best Local Similarity 82.8%; Pred. No. 1.1e+02;
/ Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
/
/ QY 5393 AAAAAATTCAGAAAAAGAAAAATGAAAA 5421
/ DB 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 29
/
/ RESULT 25
/ US-10-042-193A-1/c
/ Sequence 1, Application US/10042193A
/ Publication No. US20020192670A1
/ GENERAL INFORMATION:
/ APPLICANT: TAKUNAGA, TAKUMI
/ APPLICANT: ISHIGURO, TAKAHICO
/ APPLICANT: HORIE, RYUICHI
/ TITLE OF INVENTION: NOVEL FLOURSCEN DYE AND METHOD OF MEASURING NUCLEIC ACID
/ FILE REFERENCE: 218077USO
/ CURRENT APPLICATION NUMBER: US/10/042,193A
/ PRIOR FILING DATE: 2002-01-11
```

```
/ PRIOR APPLICATION NUMBER: JP 2001-003432
/ PRIOR FILING DATE: 2001-01-11
/ NUMBER OF SEQ ID NOS: 4
/ SOFTWARE: Patentin version 3.1
/ SEQ ID NO 1
/ LENGTH: 30
/ TYPE: DNA
/ ORGANISM: ARTIFICIAL SEQUENCE
/ FEATURE:
/ OTHER INFORMATION: SYNTHETIC DNA
/ US-10-042-193A-1
/
/ Query Match 0.4%; Score 21; DB 1; Length 30;
/ Best Local Similarity 82.8%; Pred. No. 1.1e+02;
/ Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
/
/ QY 5393 AAAAAATTCAGAAAAAGAAAAATGAAAA 5421
/ DB 30 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2
/
/ RESULT 26
/ US-10-042-193A-2
/ Sequence 2, Application US/10042193A
/ Publication No. US20020192670A1
/ GENERAL INFORMATION:
/ APPLICANT: TAKUNAGA, TAKUMI
/ APPLICANT: ISHIGURO, TAKAHICO
/ APPLICANT: HORIE, RYUICHI
/ TITLE OF INVENTION: NOVEL FLOURSCEN DYE AND METHOD OF MEASURING NUCLEIC ACID
/ FILE REFERENCE: 218077USO
/ CURRENT APPLICATION NUMBER: US/10/042,193A
/ PRIOR FILING DATE: 2002-01-11
/ PRIOR APPLICATION NUMBER: JP 2001-003432
/ PRIOR FILING DATE: 2001-01-11
/ SOFTWARE: Patentin version 3.1
/ SEQ ID NO 2
/ LENGTH: 30
/ TYPE: DNA
/ ORGANISM: ARTIFICIAL SEQUENCE
/ FEATURE:
/ OTHER INFORMATION: SYNTHETIC DNA
/ US-10-042-193A-2
/
/ Query Match 0.4%; Score 21; DB 1; Length 30;
/ Best Local Similarity 82.8%; Pred. No. 1.1e+02;
/ Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
/
/ QY 5393 AAAAAATTCAGAAAAAGAAAAATGAAAA 5421
/ DB 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 29
/
/ RESULT 27
/ US-10-314-578-1094/c
/ Sequence 1094, Application US/10314578
/ Publication No. US20030212026A1
/ GENERAL INFORMATION:
/ APPLICANT: Krieger, Arthur M.
/ APPLICANT: Schetter, Christian
/ APPLICANT: Vollmer, Jorg
/ TITLE OF INVENTION: Immunostimulatory Nucleic Acids
/ FILE REFERENCE: C1039/7035 (HCL/MAT)
/ CURRENT APPLICATION NUMBER: US/10/314,578
/ CURRENT FILING DATE: 2002-12-09
/ PRIOR APPLICATION NUMBER: US 60/156,113
/ PRIOR FILING DATE: 1999-09-25
/ PRIOR APPLICATION NUMBER: US 60/156,135
/ PRIOR FILING DATE: 1999-09-27
/ PRIOR APPLICATION NUMBER: US 60/227,436
/ PRIOR FILING DATE: 2000-08-23
/ NUMBER OF SEQ ID NOS: 1145
```

```
; SOFTWARE: FaetsEQ for Windows Version 3.0
; SEQ ID NO 1094
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-1094

Query Match
Best Local Similarity 82.8%; Score 21; DB 1; Length 30;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAATGAAAA 5421
DB 30 AAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2

RESULT 28
US-10-314-578-1095
; Sequence 1095, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Kries, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FaetsEQ for Windows Version 3.0
; SEQ ID NO 1095
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-1095

Query Match
Best Local Similarity 82.8%; Score 21; DB 1; Length 30;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAATGAAAA 5421
DB 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAA 29

RESULT 29
US-10-380-584-115/c
; Sequence 115, Application US/10380584
; Publication No. US20040014088A1
; GENERAL INFORMATION:
; APPLICANT: Utermohlen, Joseph
; APPLICANT: Conaughton, John
; TITLE OF INVENTION: Oligonucleotide Sequence Formula for Labeling Oligonucleotide Pro
; FILE REFERENCE: 355/001/PCT
; CURRENT APPLICATION NUMBER: US/10/380,584
; CURRENT FILING DATE: 2003-03-14
; PRIOR APPLICATION NUMBER: 60/233,177
; PRIOR FILING DATE: 2000-09-15
; NUMBER OF SEQ ID NOS: 126
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 115
; LENGTH: 30
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide probe
US-10-380-584-115

Query Match
Best Local Similarity 82.8%; Score 21; DB 1; Length 30;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAATGAAAA 5421
DB 30 AAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2

RESULT 30
US-10-472-055-2/c
; Sequence 2, Application US/10472055
; Publication No. US20040161764A1
; GENERAL INFORMATION:
; APPLICANT: GABERT, JEAN
; APPLICANT: BEILLARD, EMMANUEL
; TITLE OF INVENTION: PREPARATION OF CALIBRANTS AND THEIR USE IN THE
; FILE REFERENCE: 1330-03
; CURRENT APPLICATION NUMBER: US/10/472,055
; CURRENT FILING DATE: 2003-09-15
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-472-055-2

Query Match
Best Local Similarity 82.8%; Score 21; DB 1; Length 30;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAATGAAAA 5421
DB 30 AAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2

RESULT 31
US-10-373-612A-4
; Sequence 4, Application US/10373612A
; Publication No. US20040126771A1
; GENERAL INFORMATION:
; APPLICANT: GUO, PEIXUAN
; APPLICANT: HOEFERICH, STEPHEN M.
; APPLICANT: SHU, DAN
; TITLE OF INVENTION: PRNA CHIMERA
; FILE REFERENCE: 290,00040120
; CURRENT APPLICATION NUMBER: US/10/373,612A
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: 60/433,697
; PRIOR FILING DATE: 2002-12-16
; PRIOR APPLICATION NUMBER: PCT/US01/26333
; PRIOR FILING DATE: 2001-08-23
; PRIOR APPLICATION NUMBER: 60/227,393
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 4
; LENGTH: 24
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
```


US-09-956-712-18

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 406 GAATGCTGAATPAAGACGG 425
|||
Db 20 GAATGCTGAATPAAGACGG 1

RESULT 37
US-09-956-712-19/c

; Sequence 19, Application US/09956712
; Publication No. US20030092648A1

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Susan M. Freiler

; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION

; FILE REFERENCE: RTS-0326

; CURRENT APPLICATION NUMBER: US/09/956,712

; CURRENT FILING DATE: 2001-09-19

; NUMBER OF SEQ ID NOS: 91

; SEQ ID NO 19

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:
US-09-956-712-19

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 445 CAGCACTGTTCTTCGCTCC 464
|||
Db 20 CAGCACTGTTCTTCGCTCC 1

RESULT 38
US-09-956-712-20/c

; Sequence 20, Application US/09956712
; Publication No. US20030092648A1

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Susan M. Freiler

; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION

; FILE REFERENCE: RTS-0326

; CURRENT APPLICATION NUMBER: US/09/956,712

; CURRENT FILING DATE: 2001-09-19

; NUMBER OF SEQ ID NOS: 91

; SEQ ID NO 20

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:
US-09-956-712-20

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 503 CTCTTAATCTCGGACAGAG 522
|||
Db 20 CTCTTAATCTCGGACAGAG 1

RESULT 39
US-09-956-712-21/c
; Sequence 21, Application US/09956712
; Publication No. US20030092648A1

; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
US-09-956-712-21

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 581 AGCTGAAGAGTTCCAGCTT 600
|||
Db 20 AGCTGAAGAGTTCCAGCTT 1

RESULT 40
US-09-956-712-22/c

; Sequence 22, Application US/09956712
; Publication No. US20030092648A1

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Susan M. Freiler

; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION

; FILE REFERENCE: RTS-0326

; CURRENT APPLICATION NUMBER: US/09/956,712

; CURRENT FILING DATE: 2001-09-19

; NUMBER OF SEQ ID NOS: 91

; SEQ ID NO 22

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:
US-09-956-712-22

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 717 GGCTGGAGCTAGCCCTCC 736
|||
Db 20 GGCTGGAGCTAGCCCTCC 1

RESULT 41
US-09-956-712-23/c

; Sequence 23, Application US/09956712
; Publication No. US20030092648A1

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Susan M. Freiler

; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION

; FILE REFERENCE: RTS-0326

; CURRENT APPLICATION NUMBER: US/09/956,712

; CURRENT FILING DATE: 2001-09-19

; NUMBER OF SEQ ID NOS: 91

; SEQ ID NO 23

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence
US-09-956-712-23

```
Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      883 ATCCATGAATTCGCCGCGGG 902
      |||||
Db      20 ATCCATGAATTCGCCGCGGG 1

RESULT 42
US-09-956-712-24/c
; Sequence 24, Application US/09956712
; Publication No. US20030092648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-24

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      912 GGGCTCAGAGAGAGCGTTT 931
      |||||
Db      20 GGGCTCAGAGAGAGCGTTT 1

RESULT 43
US-09-956-712-25/c
; Sequence 25, Application US/09956712
; Publication No. US20030092648A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Preler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-25

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      961 CGCTGAGAGAAATCTCTGC 980
      |||||
Db      20 CGCTGAGAGAAATCTCTGC 1

RESULT 44
US-09-956-712-26/c
; Sequence 26, Application US/09956712
; Publication No. US20030092648A1
; GENERAL INFORMATION:
```

```
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Preler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-26

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1121 AGGCTCCTGGAGACCAATGG 1140
      |||||
Db      20 AGGCTCCTGGAGACCAATGG 1

RESULT 45
US-09-956-712-27/c
; Sequence 27, Application US/09956712
; Publication No. US20030092648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Preler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-27

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1329 GAAAATGAGGATTTTAAC 1348
      |||||
Db      20 GAAAATGAGGATTTTAAC 1

RESULT 46
US-09-956-712-28/c
; Sequence 28, Application US/09956712
; Publication No. US20030092648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Preler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-28
```

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1610 ATGCTTCTACTGCTGC 1629
Db 20 ATGCTTCTACTGCTGC 1

RESULT 47
US-09-956-712-29/c

; Sequence 29, Application US/09956712
; Publication No. US20030092648A1

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION

; FILE REFERENCE: RTS-0326

; CURRENT APPLICATION NUMBER: US/09/956,712

; CURRENT FILING DATE: 2001-09-19

; NUMBER OF SEQ ID NOS: 91

; SEQ ID NO 29

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-956-712-29

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1625 GGTGAGAGAGCTGCCAG 1644
Db 20 GGTGAGAGAGCTGCCAG 1

RESULT 48

US-09-956-712-30/c

; Sequence 30, Application US/09956712

; Publication No. US20030092648A1

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION

; FILE REFERENCE: RTS-0326

; CURRENT APPLICATION NUMBER: US/09/956,712

; CURRENT FILING DATE: 2001-09-19

; NUMBER OF SEQ ID NOS: 91

; SEQ ID NO 30

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-956-712-30

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1872 CGAGCATCTCTCGATCA 1891
Db 20 CGAGCATCTCTCGATCA 1

RESULT 49

US-09-956-712-31/c

; Sequence 31, Application US/09956712

; Publication No. US20030092648A1

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-31

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2499 ATATGAAATACATGCTGT 2518
Db 20 ATATGAAATACATGCTGT 1

RESULT 50
US-09-956-712-32/c

; Sequence 32, Application US/09956712

; Publication No. US20030092648A1

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION

; FILE REFERENCE: RTS-0326

; CURRENT APPLICATION NUMBER: US/09/956,712

; CURRENT FILING DATE: 2001-09-19

; NUMBER OF SEQ ID NOS: 91

; SEQ ID NO 32

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-956-712-32

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2679 CCATGCTTGTACGAGACTC 2698
Db 20 CCATGCTTGTACGAGACTC 1

RESULT 51

US-09-956-712-33/c

; Sequence 33, Application US/09956712

; Publication No. US20030092648A1

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION

; FILE REFERENCE: RTS-0326

; CURRENT APPLICATION NUMBER: US/09/956,712

; CURRENT FILING DATE: 2001-09-19

; NUMBER OF SEQ ID NOS: 91

; SEQ ID NO 33

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-956-712-33

Query Match 0.4%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2870 TGGTAGCTCTGTTGAGGTG 2889
|||||

Db 20 TGGTAGCTCTGTTGAGGTG 1
|||||

RESULT 52
US-09-956-712-34/c

; Sequence 34, Application US/09956712
; Publication No. US20030092648A1

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Susan M. Freier

; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION

; FILE REFERENCE: RTS-0326

; CURRENT FILING DATE: 2001-09-19

; NUMBER OF SEQ ID NOS: 91

; SEQ ID NO 34

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-956-712-34

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2905 GCCTATGGCAGATCTCTT 2924
|||||

Db 20 GCCTATGGCAGATCTCTT 1
|||||

RESULT 53
US-09-956-712-35/c

; Sequence 35, Application US/09956712
; Publication No. US20030092648A1

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Susan M. Freier

; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION

; FILE REFERENCE: RTS-0326

; CURRENT FILING DATE: 2001-09-19

; NUMBER OF SEQ ID NOS: 91

; SEQ ID NO 35

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-956-712-35

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2929 GTCCCTCAGGTGACGAGAA 2948
|||||

Db 20 GTCCCTCAGGTGACGAGAA 1
|||||

RESULT 54
US-09-956-712-36/c

; Sequence 36, Application US/09956712
; Publication No. US20030092648A1

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Susan M. Freier

; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION

; FILE REFERENCE: RTS-0326

; CURRENT APPLICATION NUMBER: US/09/956,712

; CURRENT FILING DATE: 2001-09-19

; NUMBER OF SEQ ID NOS: 91

; SEQ ID NO 36

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-956-712-36

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2996 TGAAGAGTCTTGTGAAGAC 3015
|||||

Db 20 TGAAGAGTCTTGTGAAGAC 1
|||||

RESULT 55
US-09-956-712-37/c

; Sequence 37, Application US/09956712
; Publication No. US20030092648A1

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Susan M. Freier

; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION

; FILE REFERENCE: RTS-0326

; CURRENT APPLICATION NUMBER: US/09/956,712

; CURRENT FILING DATE: 2001-09-19

; NUMBER OF SEQ ID NOS: 91

; SEQ ID NO 37

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-956-712-37

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3177 TTGCCAGAGCTGAGACGAC 3196
|||||

Db 20 TTGCCAGAGCTGAGACGAC 1
|||||

RESULT 56
US-09-956-712-38/c

; Sequence 38, Application US/09956712
; Publication No. US20030092648A1

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Susan M. Freier

; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION

; FILE REFERENCE: RTS-0326

; CURRENT APPLICATION NUMBER: US/09/956,712

; CURRENT FILING DATE: 2001-09-19

; NUMBER OF SEQ ID NOS: 91

; SEQ ID NO 38

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-956-712-38

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3212 AGGCACTGACGTGTCTCAGC 3231
|||
Db 20 AGGCACTGACGTGTCTCAGC 1

RESULT 57
US-09-956-712-39/c
; Sequence 39, Application US/09956712
; Publication No. US20030092648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-39

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3383 TACGCTGGGGCTGACCCAG 3402
|||
Db 20 TACGCTGGGGCTGACCCAG 1

RESULT 58
US-09-956-712-40/c
; Sequence 40, Application US/09956712
; Publication No. US20030092648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-40

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3412 AGTGATGAGATGAGCAGGA 3431
|||
Db 20 AGTGATGAGATGAGCAGGA 1

RESULT 59
US-09-956-712-41/c
; Sequence 41, Application US/09956712
; Publication No. US20030092648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION

; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-41

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3419 AGATGAGGAGGAACTGAGG 3438
|||
Db 20 AGATGAGGAGGAACTGAGG 1

RESULT 60
US-09-956-712-42/c
; Sequence 42, Application US/09956712
; Publication No. US20030092648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-42

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3426 GCAGGAAGTGGGCGCCCTGG 3445
|||
Db 20 GCAGGAAGTGGGCGCCCTGG 1

RESULT 61
US-09-956-712-43/c
; Sequence 43, Application US/09956712
; Publication No. US20030092648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 43
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-43

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

QY      3473 TCAGCAGACCGAAACCAAGT 3492
          |||||
Db      20 TCAGCAGACCGAAACCAAGT 1

```

```

RESULT 62
US-09-956-712-44/C
; Sequence 44, Application US/09956712
; Publication NO. US20030092648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freter
; TITLE OF INVENTION: ANTISENSE MODULATION OF N
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; NUMBER FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-44

```

Query Match	0.4%	Score 20	DB 1	Length 20
Best Local Similarity	100.0%	Pred. No. 1.2e+02		
Matches 20	Conservative 0	Mismatches 0	Indels 0	Gaps 0

Oy	3544	TCCCTACTCAAGCGGCAGAG	3563
Dδ	20	TCCTCACTCAAGCGGCAGAG	1

```

US-09-956-712-45/C
RESULT 63
/ Sequence 45, Application US/09956712
/ Publication No. US20030092648A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Preter
/ TITLE OF INVENTION: ANTISENSE MODULATION OF N
/ FILE REFERENCE: RTS-0326
/ CURRENT APPLICATION NUMBER: US/09/956,712
/ CURRENT FILING DATE: 2001-09-19
/ NUMBER OF SEQ ID NOS: 91
/ SEQ ID NO 45
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-45

```

Query Match	0.4%;	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%;	Pred. No. 1.2e+02;		
Matches 20;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

QY 3701 CTTCTCCTGCTCTCAAGG 3720
|||
Db 20 CTTCTCCTGCTCTCAAGG 1

RESULT 64 712-46/c
US-09-956-712-46/c
Sequence 46, Application US/09956712
Publication No. US2003009248A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF MAC EXPRESSION
FILE REFERENCE: R1S-0326

```
: CURRENT APPLICATION NUMBER: US/09/956,712  
:  
: CURRENT FILING DATE: 2001-09-19  
:  
: NUMBER OF SEQ ID NOS: 91  
:  
: SEQ ID NO 46  
:  
: LENGTH: 20  
:  
: DATA
```

OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-46

Query Match	0.4%	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%;	Pred. No. 1.2e+02;		
Matches 20;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

```

QY      3846 CCGCTGGCCCAACACGGGTC 3865
          |||||
Db      20 CCGCTGGCCCAACACGGGTC 1

```

```

RESULT 65
US-09-956-712-47/c
? Sequence 47, Application US/09956712
? Publication No. US20030092648A1
? GENERAL INFORMATION:
? APPLICANT: C. Frank Bennett
? APPLICANT: Susan M. Freiler
? TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
? FILE REFERENCE: RPS-0326
? CURRENT APPLICATION NUMBER: US/09/956,712
? CURRENT FILING DATE: 2001-09-19
? NUMBER OF SEQ ID NOS: 91
? SEQ ID NO 47
? LENGTH: 20
? TYPE: DNA
? ORGANISM: Artificial Sequence
? FEATURE:
? OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-47

```

Query Match	0.4%	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%	Pred. No. 1.2e+02;		
Matches	20;	Conservative	0;	Mismatches
			0;	Indels
				Gaps
				0;

```

QY      3874 GTGATGAGAGAGCGGTGAC 3893
          |||||
Db      20 GTGATGAGAGAGCGGTGAC 1

```

RESULT 66
US-09-956-712-48/c
Sequence 48, Application US/09956712
Publication No. US20030092648A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Preter
TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
FILE REFERENCE: RTS-0326
CURRENT APPLICATION NUMBER: US/09/956,712
CURRENT FILING DATE: 2001-09-19
NUMBER OF SEQ ID NOS: 91
SEQ ID NO 48
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-48

Query Match	0.4%	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%	Pred. No. 1.2e+02;		
Matches 20;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

```

QY      4011 TGTGACCTCCCTCACTTG 4030
          |||||
Db      20 TGTGACCTCCCTCACTTG 1

```

RESULT 67 712-49/c
 US-09-956-712-49/c
 Sequence 49, Application US/09956712
 Publication No. US20030092648A1
 GENERAL INFORMATION:
 APPLICANT: C. Frank Bennett
 APPLICANT: Susan M. Freier
 TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
 FILE REFERENCE: RTS-0336
 CURRENT APPLICATION NUMBER: US/09/956, 712
 CURRENT FILING DATE: 2001-09-19
 NUMBER OF SEQ ID NOS: 91
 SEQ ID NO 49
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 US-09-956-712-49

Query Match	0.4%	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%	Pred. No. 1.2e+02;		
Matches 20;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

```

Qy      4033 GCTCTCCAGGGGGCCATGT 4052
          |||||
Db      20 GCTCTCCAGGGGGCCATGT 1

```

```

RESULT 68 -09-956-712-50/c
; Sequence 50, Application US/09956712
; Publication No. US20030092648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Pfeier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956, 712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-50

```

Query Match	0.4%	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%	Pred. No. 1.2e+02;		
Matches	20;	Conservative	0;	Mismatches 0;
			Indels	0;
			Gaps	0;

```

QY      4097 TGCTCCTGAGAGCCAGCC 4116
          |||||
Db      20 TGCTCCTGAGAGCCAGCC 1

```

RESULT 69
US-09-956-712-51/C
; Sequence 51, Application US/09956712
; Publication No. US20030092648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Pfeifer
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0336
; CURRENT APPLICATION NUMBER US/09/956, 712

```

: CURRENT FILING DATE: 2001-09-19
: NUMBER OF SEQ ID NOS: 91
: SEQ ID NO 51
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURES:
: OTHER INFORMATION: Antisense Oligonucleotide
: US-09-956-712-51

```

Query Match	0.4%;	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%;	Pred. No. 1.2e+02;		
Matches 20;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

```

QY      4223 TGGTGTGCTTTACCAACGC 4242
          |||||
Db      20 TGGTGTGCTTTACCAACGC 1

```

```

RESULT 70
; Sequence 52, Application US/09956712
; Publication No. US20030092648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-52

```

Query Match	0.4%	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%	Pred. No. 1.2e+02;		
Matches 20;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

```

QY      4296 CATTGGAAGAACTGAGC 4315
          |||||
Db      20 CATTGGAAGAACTGAGC 1

```

```

RESULT 71
US-09-956-712-53/c
; Sequence 53, Application US/09956712
; Publication NO. US20030092648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Preiser
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956, 712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-53

```

Query Match	0.4%;	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%;	Pred. No. 1.2e+02;		
Matches	20;	Conservative	0;	Mismatches 0;
			Indels	0;
			Gaps	0

4307 AACTGAGCTCTGCTATCGA 4326

Db 20 AACTGAGCTCTGCATCGA 1

RESULT 72

US-09-956-712-54/c
; Sequence 54, Application US/09956712
; Publication No. US20030092648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-54

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4405 AAGAAAGATGAGACTCTGCT 4424
Db 20 AAGAAAGATGAGACTCTGCT 1

RESULT 73

US-09-956-712-55/c
; Sequence 55, Application US/09956712
; Publication No. US20030092648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-55

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4432 GCCTTGTTGAAACGAGAGA 4451
Db 20 GCCTTGTTGAAACGAGAGA 1

RESULT 74

US-09-956-712-56/c
; Sequence 56, Application US/09956712
; Publication No. US20030092648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19

; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 56
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-56

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4438 GTGAACCGAGAGATCTCAT 4457
Db 20 GTGAACCGAGAGATCTCAT 1

RESULT 75

US-09-956-712-57/c
; Sequence 57, Application US/09956712
; Publication No. US20030092648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-57

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4483 GCCCGCATGCGTACTTTC 4502
Db 20 GCCCGCATGCGTACTTTC 1

RESULT 76

US-09-956-712-58/c
; Sequence 58, Application US/09956712
; Publication No. US20030092648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 58
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-58

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4565 GAGTGACATCGGTGAGGTT 4584
|||||

Db 20 GAGTGACATCGGTGAGGTT 1

RESULT 77

US-09-956-712-59/c
; Sequence 59, Application US/09956712
; Publication No. US20030092648A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-59

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4575 GGATGAGGTTGTTCTTGACA 4594
Db 20 GGATGAGGTTGTTCTTGACA 1

RESULT 78

US-09-956-712-60/c
; Sequence 60, Application US/09956712
; Publication No. US20030092648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 60
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-60

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4701 CCGAAGTCAAGATGCAC 4720
Db 20 CCGAAGTCAAGATGCAC 1

RESULT 79

US-09-956-712-61/c
; Sequence 61, Application US/09956712
; Publication No. US20030092648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91

; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-61

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4747 CCTCAGCTCATTTAGAACT 4766
Db 20 CCTCAGCTCATTTAGAACT 1

RESULT 80

US-09-956-712-62/c
; Sequence 62, Application US/09956712
; Publication No. US20030092648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-62

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4789 GGACTCTGCCATCTCAGCAG 4808
Db 20 GGACTCTGCCATCTCAGCAG 1

RESULT 81

US-09-956-712-63/c
; Sequence 63, Application US/09956712
; Publication No. US20030092648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-63

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4801 CTCAGCAGCTGAATATCAA 4820
Db 20 CTCAGCAGCTGAATATCAA 1

```
RESULT 82
US-09-956-712-64/c
; Sequence 64, Application US/09956712
; Publication No. US2003092648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Preler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-64

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4832 GACCTTGAGTCCTGCTTT 4851
DB      20 GACCTTGAGTCCTGCTTT 1

RESULT 83
US-09-956-712-65/c
; Sequence 65, Application US/09956712
; Publication No. US2003092648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Preler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-65

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4908 TTGCTTCAGACCTAAAGT 4927
DB      20 TTGCTTCAGACCTAAAGT 1

RESULT 84
US-09-956-712-66/c
; Sequence 66, Application US/09956712
; Publication No. US2003092648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Preler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 66
```

```
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-66

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4956 GCATTATGTGTCATGCCAG 4975
DB      20 GCATTATGTGTCATGCCAG 1

RESULT 85
US-09-956-712-67/c
; Sequence 67, Application US/09956712
; Publication No. US2003092648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Preler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-67

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      5020 AGGAAATGTCATCTGGAGC 5039
DB      20 AGGAAATGTCATCTGGAGC 1

RESULT 86
US-09-956-712-68/c
; Sequence 68, Application US/09956712
; Publication No. US2003092648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Preler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-68

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      5075 TGGTGCCACAGCAGCCAG 5094
DB      20 TGGTGCCACAGCAGCCAG 1
```

```
RESULT 87
US-09-956-712-69/c
; Sequence 69, Application US/09956712
; Publication No. US2003002648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-69

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy      5140 GGACATGGAACCATTTGCT 5159
Db      20 GGACATGGAACCATTTGCT 1

RESULT 88
US-10-633-913-14/c
; Sequence 14, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-14

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy      61 GGGTCTGAAGCCCATTC 80
Db      20 GGGTCTGAAGCCCATTC 1

RESULT 89
US-10-633-913-15/c
; Sequence 15, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-15/c

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy      75 CATTCCTGCTCTGCGGCTC 94
Db      20 CATTCCTGCTCTGCGGCTC 1

RESULT 90
US-10-633-913-16/c
; Sequence 16, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-16

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy      169 ATCTGAGGACACAGAACAG 188
Db      20 ATCTGAGGACACAGAACAG 1

RESULT 91
US-10-633-913-17/c
; Sequence 17, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-17

Query Match          0.4%; Score 20; DB 1; Length 20;
```


Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0;

Qy 334 TGGCTTTCCTACCACTCCC 353
|||
Db 20 TGGCTTTCCTACCACTCCC 1

RESULT 97

US-10-633-913-18/c
; Sequence 18, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-18

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0;

Qy 406 GAATGCTGAATTAAGACCG 425
|||
Db 20 GAATGCTGAATTAAGACCG 1

RESULT 93

US-10-633-913-19/c
; Sequence 19, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-19

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0;

Qy 445 CAGCACTGTTCTCTGCTGC 464
|||
Db 20 CAGCACTGTTCTCTGCTGC 1

RESULT 94
US-10-633-913-20/c
; Sequence 20, Application US/10633913

; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-20

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0;

Qy 503 CTCTTAACCTCCGGACAGAG 522
|||
Db 20 CTCTTAACCTCCGGACAGAG 1

RESULT 95

US-10-633-913-21/c
; Sequence 21, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-21

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0;

Qy 581 AGCTGAGAGATTCCAGCTT 600
|||
Db 20 AGCTGAGAGATTCCAGCTT 1

RESULT 96

US-10-633-913-22/c
; Sequence 22, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91

US-10-633-913-22/c
; Sequence 22, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91

```
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-22
```

```
Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      717 GGCTGGAGAGCTAGCCTCC 736
Db      20 GGCTGGAGAGCTAGCCTCC 1
```

```
RESULT 97
US-10-633-913-23/c
; Sequence 23, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-23
```

```
Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      883 ATCCATGAATGCGCGCGG 902
Db      20 ATCCATGAATGCGCGCGG 1
```

```
RESULT 98
US-10-633-913-24/c
; Sequence 24, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-24
```

```
Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      912 GGCTCAGAGAGAGGTTT 931
Db      20 GGCTCAGAGAGAGGTTT 1
```

```
RESULT 99
US-10-633-913-25/c
; Sequence 25, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-25
```

```
Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      961 CGCTGAGAGAAATCTCTGC 980
Db      20 CGCTGAGAGAAATCTCTGC 1
```

```
RESULT 100
US-10-633-913-26/c
; Sequence 26, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-26
```

```
Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      1121 AGGCTCTGGAGCAATGG 1140
Db      20 AGGCTCTGGAGCAATGG 1
```

```
RESULT 101
US-10-633-913-27/c
; Sequence 27, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
```

```

; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; PRIOR FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-27

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1329 GAAATGAGATTGTTAAC 1348
DB      20  GAAAAATGAGATTGTTAAC 1

RESULT 102
US-10-633-913-28/c
; Sequence 28, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; PRIOR FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-28

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1610 ATGCTTCTACTTCAGCTGC 1629
DB      20  ATGCTTCTACTTCAGCTGC 1

RESULT 103
US-10-633-913-29/c
; Sequence 29, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; PRIOR FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 29
; LENGTH: 20
```

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-29

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1625 GCTGCAGAGAGCTGCCCCAG 1644
DB      20  GCTGCAGAGAGCTGCCCCAG 1

RESULT 104
US-10-633-913-30/c
; Sequence 30, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; PRIOR FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-30

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1872 CGAGGCATCTTCTCTGATCA 1891
DB      20  CGAGGCATCTTCTCTGATCA 1

RESULT 105
US-10-633-913-31/c
; Sequence 31, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; PRIOR FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-31

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2499 ATATGAAATACATGAGCTGT 2518
```

```
Db      20  ATATGGAATACATGCGCCTGT 1
|||||
RESULT 106
US-10-633-913-32/C
; Sequence 32, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-32

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1,2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2679  CCACCTGCTTGACGAGACTC 2698
|||||
Db      20  CCACGCTTGACGAGACTC 1
|||||

RESULT 107
US-10-633-913-33/C
; Sequence 33, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-33

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1,2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2870  TGGTAGTCCTGTTCAAGTGG 2889
|||||
Db      20  TGGTAGTCCTGTTCAAGTGG 1
|||||

RESULT 108
US-10-633-913-34/C
; Sequence 34, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-34

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1,2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-34

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1,2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2905  GCCTATTGGCAGATTCTCTT 2924
|||||
Db      20  GCCTATTGGCAGATTCTCTT 1
|||||

RESULT 109
US-10-633-913-35/C
; Sequence 35, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-35

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1,2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2929  GTCCCTCAAGGTACACGAAA 2948
|||||
Db      20  GTCCCTCAAGGTACACGAAA 1
|||||

RESULT 110
US-10-633-913-36/C
; Sequence 36, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-36

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2996 TGAAGAGCTTTGTAGAGCC 3015
Db      20 TGAAGAGCTTTGTAGAGCC 1

RESULT 111
US-10-633-913-37/c
; Sequence 37, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; PRIOR FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-37

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      3177 TTGCCAGAGACTGAGACAGC 3196
Db      20 TTGCCAGAGACTGAGACAGC 1

RESULT 112
US-10-633-913-38/c
; Sequence 38, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; PRIOR FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-38

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      3212 AGCGACTGCAGCTGCTCAGC 3231
Db      20 AGCGACTGCAGCTGCTCAGC 1
```

```
RESULT 113
US-10-633-913-39/c
; Sequence 39, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freiler
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; PRIOR FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-39

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      3383 TACGCTTGAGGCTGAGCCAG 3402
Db      20 TACGCTTGAGGCTGAGCCAG 1

RESULT 114
US-10-633-913-40/c
; Sequence 40, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freiler
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; PRIOR FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-40

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      3412 AGTATGATGATGAGCAGCA 3431
Db      20 AGTATGATGATGAGCAGCA 1

RESULT 115
US-10-633-913-41/c
; Sequence 41, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freiler
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
```

```
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-41

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      3419 AGATGAGCGCAGAACTGAGG 3448
Db      20 AGATGAGCGCAGAACTGAGG 1

RESULT 116
US-10-633-913-42/C
; Sequence 42, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-42

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      3426 GCAGGAAGTGAAGGCGCCTGG 3445
Db      20 GCAGGAAGTGAAGGCGCCTGG 1

RESULT 117
US-10-633-913-43/C
; Sequence 43, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 43
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
```

```
US-10-633-913-43

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      3473 TCAGCAGCGGAAACCAAGT 3492
Db      20 TCAGCAGCGGAAACCAAGT 1

RESULT 118
US-10-633-913-44/C
; Sequence 44, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-44

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      3544 TCCTCACTCAAGCGGCAGAG 3563
Db      20 TCCTCACTCAAGCGGCAGAG 1

RESULT 119
US-10-633-913-45/C
; Sequence 45, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 45
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-45

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      3701 CTTCTCCTGCGCTCTCAAGG 3720
Db      20 CTTCTCCTGCGCTCTCAAGG 1
```

```
RESULT 120
US-10-633-913-46/c
; Sequence 46, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; PRIOR FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-46

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      3846 CCGCTGGCCCAACACGGGTC 3865
Db      20 CCGCTGGCCCAACACGGGTC 1

RESULT 121
US-10-633-913-47/c
; Sequence 47, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; PRIOR FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-47

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      3874 GTGATGAGAAAGCGGTGAC 3893
Db      20 GTGATGAGAAAGCGGTGAC 1

RESULT 122
US-10-633-913-48/c
; Sequence 48, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; PRIOR FILING DATE: 2003-08-04
```

```
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-48

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      4011 TGTGACCTCCCTCACTTG 4030
Db      20 TGTGACCTCCCTCACTTG 1

RESULT 123
US-10-633-913-49/c
; Sequence 49, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; PRIOR FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-49

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      4033 GCTCTCCAGGGGCCATGT 4052
Db      20 GCTCTCCAGGGGCCATGT 1

RESULT 124
US-10-633-913-50/c
; Sequence 50, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; PRIOR FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-50
```

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Db 4097 TGCTCTGGAGAGCCAGCC 4116
20 TGCTCTGGAGAGCCAGCC 1

RESULT 125
US-10-633-913-51/c
; Sequence 51, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Bennett
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-51

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Db 4223 TGGTGTGCTTACCACGC 4242
20 TGGTGTGCTTACCACGC 1

RESULT 126
US-10-633-913-52/c
; Sequence 52, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Bennett
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-52

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Db 4296 CATTGGAGAACTGGAGC 4315
20 CATTGGAGAACTGGAGC 1

RESULT 127
US-10-633-913-53/c

; Sequence 53, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Bennett
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-53

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Db 4307 AACTGAGCTCTGTATCGA 4326
20 AACTGAGCTCTGTATCGA 1

RESULT 128
US-10-633-913-54/c
; Sequence 54, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Bennett
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-54

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Db 4405 AAGAAAGATGAGACTGTGT 4424
20 AAGAAAGATGAGACTGTGT 1

RESULT 129
US-10-633-913-55/c
; Sequence 55, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Bennett
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19

NUMBER OF SEQ ID NOS: 91
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-55

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4432 GCCTTGTAACGAGGA 4451
DB 20 GCCTTGTAACGAGGA 1

RESULT 130
US-10-633-913-56/c
Sequence 56, Application US/10633913
Publication No. US20040029277A1
GENERAL INFORMATION:
APPLICANT: Susan M. Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
FILE REFERENCE: RTS-0326
CURRENT APPLICATION NUMBER: US/10/633,913
CURRENT FILING DATE: 2003-08-04
PRIOR APPLICATION NUMBER: US/09/956,712
PRIOR FILING DATE: 2001-09-19
NUMBER OF SEQ ID NOS: 91
SEQ ID NO 56
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-56

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4438 GTGAACGAGATCTCAT 4457
DB 20 GTGAACGAGATCTCAT 1

RESULT 131
US-10-633-913-57/c
Sequence 57, Application US/10633913
Publication No. US20040029277A1
GENERAL INFORMATION:
APPLICANT: Susan M. Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
FILE REFERENCE: RTS-0326
CURRENT APPLICATION NUMBER: US/10/633,913
CURRENT FILING DATE: 2003-08-04
PRIOR APPLICATION NUMBER: US/09/956,712
PRIOR FILING DATE: 2001-09-19
NUMBER OF SEQ ID NOS: 91
SEQ ID NO 57
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-57

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 4483 GCCGCATAGCCGTACCTTC 4502
DB 20 GCCGCATAGCCGTACCTTC 1

RESULT 132
US-10-633-913-58/c
Sequence 58, Application US/10633913
Publication No. US20040029277A1
GENERAL INFORMATION:
APPLICANT: Susan M. Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
FILE REFERENCE: RTS-0326
CURRENT APPLICATION NUMBER: US/10/633,913
CURRENT FILING DATE: 2003-08-04
PRIOR APPLICATION NUMBER: US/09/956,712
PRIOR FILING DATE: 2001-09-19
NUMBER OF SEQ ID NOS: 91
SEQ ID NO 58
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-58

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4565 GAGTGACATCGGTGAGGTT 4584
DB 20 GAGTGACATCGGTGAGGTT 1

RESULT 133
US-10-633-913-59/c
Sequence 59, Application US/10633913
Publication No. US20040029277A1
GENERAL INFORMATION:
APPLICANT: Susan M. Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
FILE REFERENCE: RTS-0326
CURRENT APPLICATION NUMBER: US/10/633,913
CURRENT FILING DATE: 2003-08-04
PRIOR APPLICATION NUMBER: US/09/956,712
PRIOR FILING DATE: 2001-09-19
NUMBER OF SEQ ID NOS: 91
SEQ ID NO 59
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-59

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4575 GGTGAGGTTGCTTGACA 4594
DB 20 GGTGAGGTTGCTTGACA 1

RESULT 134
US-10-633-913-60/c
Sequence 60, Application US/10633913
Publication No. US20040029277A1

```
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 60
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-633-913-60

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4701 CCGGAGTGCAGATGAGAC 4720
Db      20 CCGGAGTGCAGATGAGAC 1

RESULT 135
; US-10-633-913-61/c
; Sequence 61, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-633-913-61

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4747 CCTGACCTCATATGAACT 4766
Db      20 CCTGACCTCATATGAACT 1

RESULT 136
; US-10-633-913-62/c
; Sequence 62, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 62
```

```
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-633-913-62

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4789 GGACTCTGCACTGACGAG 4808
Db      20 GGACTCTGCACTGACGAG 1

RESULT 137
; US-10-633-913-63/c
; Sequence 63, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-633-913-63

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4801 CTCAGCAGCTGAGATGCA 4820
Db      20 CTCAGCAGCTGAGATGCA 1

RESULT 138
; US-10-633-913-64/c
; Sequence 64, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-633-913-64

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

[illegible]

```

RESULT 139
US-10-633-913-65/c
: Sequence 65, Application US/10633913
: Publication No. US20040029277A1
: GENERAL INFORMATION:
: APPLICANT: C. Frank Bennett
: TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
: FILE REFERENCE: RTS-0326
: CURRENT APPLICATION NUMBER: US/10/633,913
: CURRENT FILING DATE: 2003-08-04
: PRIOR APPLICATION NUMBER: US/09/956,712
: PRIOR FILING DATE: 2001-09-19
: NUMBER OF SEQ ID NOS: 91
: SEQ ID NO 65
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-65

```

Query Match	0.4%	Score 20	DB 1	Length 20
Best Local Similarity	100.0%	Pred. No. 1.2e+02		
Matches	20	Conservative	0	Indels 0
		Mismatches	0	Gaps 0

```

QY      4908 TTGCCTTCCAGCACTAAAGT 4927
          |||||
Db      20  TTGCCTTCCAGCACTAAAGT 1

```

```

RESULT 140
US-10-633-913-66/c
Sequence 66, Application US/10633913
Publication No. US2004002927A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freiler
TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
FILE REFERENCE: RTS-0326
CURRENT APPLICATION NUMBER: US/10/633,913
CURRENT FILING DATE: 2003-08-04
PRIOR APPLICATION NUMBER: US/09/956,712
PRIOR FILING DATE: 2001-09-19
NUMBER OF SEQ ID NOS: 91
SEQ ID NO 66
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-66

```

Query Match	0.48	Score 20	DB 1	Length 20
Best Local Similarity	100.0%	Pred. No. 1.2e+02		
Matches 20	Conservative 0	Mismatches 0	Indels 0	Gaps 0

```

Qy      4956 GCATTATGTCATGCCAG 4975
          |||||
Db      20 GCATTATGTCATGCCAG 1

```

RESULT 141
US-10-633-913-67/c
; Sequence 67, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett

```

1  APPLICANT: Susan M. Freiler
2  TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
3  FILE REFERENCE: RFS-0326
4  CURRENT APPLICATION NUMBER: US/10/633,913
5  CURRENT FILING DATE: 2003-08-04
6  PRIOR APPLICATION NUMBER: US/09/956,712
7  PRIOR FILING DATE: 2001-09-19
8  NUMBER OF SEQ ID NOS: 91
9  SEQ ID NO 67
10 LENGTH: 20
11 TYPE: DNA
12 ORGANISM: Artificial Sequence
13 FEATURES:
14 OTHER INFORMATION: Antisense oligonucleotide
15 US-10-633-913-67

```

```
Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

QY 5020 AGGGAATGTCCATCTGGAGC 5033
|||
Db 20 AGGGAATGTCCATCTGGAGC 1

```

RESULT 142
US-10-633-913-68/c
: Sequence 68, Application US/10633913
: Publication No. US20040029277A1
: GENERAL INFORMATION:
: APPLICANT: C. Frank Bennett
: APPLICANT: Susan M. Fretter
: TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
: FILE REFERENCE: RTS-0326
: CURRENT APPLICATION NUMBER: US/10/633, 913
: CURRENT FILING DATE: 2003-08-04
: PRIOR APPLICATION NUMBER: US/09/956, 712
: PRIOR FILING DATE: 2001-09-19
: NUMBER OF SEQ ID NOS: 91
: SEQ ID NO 68
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-68

```

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5075 TGGTGGCCACAGCAGCCAAg 5094
|||
Db 20 TGGTGGCCACAGCAGCCAAg 1

```

RESULT 143
US-10-633-913-69/c
: Sequence 69, Application US/10633913
: Publication NO. US20040029277A1
: GENERAL INFORMATION:
: APPLICANT: C. Frank Bennett
: APPLICANT: Susan M. Fretler
: TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
: FILE REFERENCE: RRS-0326
: CURRENT APPLICATION NUMBER: US/10/633,913
: CURRENT FILING DATE: 2003-08-04
: PRIOR APPLICATION NUMBER: US/09/956,712
: PRIOR FILING DATE: 2001-09-19
: NUMBER OF SEQ ID NOS: 91
: SEQ ID NO 69
: LENGTH: 20
: TYPE: DNA

```

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-69

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5140 GGACATGAACCATTTGGCT 5159
DB 20 GGACATGAACCATTTGGCT 1

RESULT 144
US-10-098-263B-128640
Sequence 128640, Application US/10098263B
Publication No. US20030104410A1
GENERAL INFORMATION:
APPLICANT: Miltman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 128640
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien
US-10-098-263B-128640

Query Match 0.4%; Score 19.8; DB 1; Length 25;
Best Local Similarity 91.3%; Pred. No. 1.5e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3444 GGAGCAGAGAAACCTCAGCTGC 3466
DB 3 GGAGCAGAGAAATCTCAGCTAC 25

RESULT 145
US-10-085-906-144/C
Sequence 144, Application US/10085906
Publication No. US20030054371A1
GENERAL INFORMATION:
APPLICANT: Ying, Vincent
APPLICANT: Wu, Paul
APPLICANT: Gray, Gary S.
TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
FILE REFERENCE: GNN-5343CP2
CURRENT APPLICATION NUMBER: US/10/085,906
CURRENT FILING DATE: 2002-02-27
PRIOR APPLICATION NUMBER: US 60/126,215
PRIOR FILING DATE: 1999-03-25
PRIOR APPLICATION NUMBER: US 09/534,061
PRIOR FILING DATE: 2000-03-24
PRIOR APPLICATION NUMBER: PCT/US00/07938
PRIOR FILING DATE: 2000-03-24
NUMBER OF SEQ ID NOS: 545
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 144
LENGTH: 26
TYPE: DNA
ORGANISM: Homo sapiens
US-10-085-906-144

Query Match 0.4%; Score 19.8; DB 1; Length 26;
Best Local Similarity 91.3%; Pred. No. 1.5e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5403 AAAAAAGAAAAATGAAAAATAAA 5425
DB 26 AAAAAATAAAAATAAAAATAAA 4

RESULT 146
US-09-883-119A-34
Sequence 34, Application US/09883119A
Publication No. US20030104520A1
GENERAL INFORMATION:
APPLICANT: The University of Texas System Board of Regents
TITLE OF INVENTION: Regulatable, Catalytically Active Nucleic Acids
FILE REFERENCE: 119927-1050
CURRENT APPLICATION NUMBER: US/09/883,119A
CURRENT FILING DATE: 2000-06-14
PRIOR APPLICATION NUMBER: 60/212,097
PRIOR FILING DATE: 2000-06-15
NUMBER OF SEQ ID NOS: 44
SOFTWARE: PatentIn version 3.1
SEQ ID NO 34
LENGTH: 28
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: substrate
US-09-883-119A-34

Query Match 0.4%; Score 19.6; DB 1; Length 28;
Best Local Similarity 80.8%; Pred. No. 1.7e+02;
Matches 21; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 5394 AAAAAATACAAAAAGAAAAATGAA 5419
DB 1 AAAAAAATAAAAAAATAAAGCA 26

RESULT 147
US-10-216-122-151
Sequence 151, Application US/10216122
Publication No. US20030121063A1
GENERAL INFORMATION:
APPLICANT: Kazazian, Haig H.
APPLICANT: Osterlag, Eric
APPLICANT: Debernardinis, Ralph
TITLE OF INVENTION: COMPOSITIONS AND METHODS OF USE OF MAMMALIAN RETROTRANSPOSONS
FILE REFERENCE: 053893-5006-03
CURRENT APPLICATION NUMBER: US/10/216,122
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US 09/653,812
PRIOR FILING DATE: 2000-09-01
PRIOR APPLICATION NUMBER: US 08/847,844
PRIOR FILING DATE: 1997-04-28
PRIOR APPLICATION NUMBER: US 08/749,805
PRIOR FILING DATE: 1996-11-15
PRIOR APPLICATION NUMBER: US 60/006,831
PRIOR FILING DATE: 1995-11-16
NUMBER OF SEQ ID NOS: 154
SOFTWARE: PatentIn version 3.1
SEQ ID NO 151
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: oligonucleotide annealing to 3' end of L1 insert
US-10-216-122-151

Query Match 0.4%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 1.8e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAAT 5416
|||||||

Db 1 AAAAAAAAAAAAAAAAAAAAAAT 24

RESULT 148
US-09-922-480-7/c
; Sequence 7, Application US/09922480
; Patent No. US20020081701A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Adler, David A.
; TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE
; FILE REFERENCE: 97-71
; CURRENT APPLICATION NUMBER: US/09/922,480
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: US 60/124,820
; PRIOR FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-09-922-480-7

Query Match 0.4%; Score 19.2; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5392 TAAAAAATACAAAAAGAAAAA 5415
Db 26 TAAAAAAAAAAAAAAAAAAAAA 3

RESULT 149
US-09-923-236-7/c
; Sequence 7, Application US/09923236
; Patent No. US20020090677A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Adler, David A.
; TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE
; FILE REFERENCE: 97-71
; CURRENT APPLICATION NUMBER: US/09/923,236
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: US 60/124,820
; PRIOR FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-09-923-236-7

Query Match 0.4%; Score 19.2; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5392 TAAAAAATACAAAAAGAAAAA 5415
Db 26 TAAAAAAAAAAAAAAAAAAAAA 3

RESULT 150
US-09-923-246-38/c
; Sequence 38, Application US/09923246
; Patent No. US20020128446A1
; GENERAL INFORMATION:
; APPLICANT: No. US20020128446A1aK, Julia B.

; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A. A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/09/923,246
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/522,217
; PRIOR FILING DATE: EARLIER FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 38
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-09-923-246-38

Query Match 0.4%; Score 19.2; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5392 TAAAAAATACAAAAAGAAAAA 5415
Db 26 TAAAAAAAAAAAAAAAAAAAAA 3

RESULT 151
US-09-922-469-7/c
; Sequence 7, Application US/09922469
; Patent No. US20020173027A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Adler, David A.
; TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE
; FILE REFERENCE: 97-71
; CURRENT APPLICATION NUMBER: US/09/922,469
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: US 60/124,820
; PRIOR FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-09-922-469-7

Query Match 0.4%; Score 19.2; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5392 TAAAAAATACAAAAAGAAAAA 5415
Db 26 TAAAAAAAAAAAAAAAAAAAAA 3

RESULT 152
US-10-295-723-38/c
; Sequence 38, Application US/10295723

```
Publication No. US20030125524A1
; GENERAL INFORMATION:
; APPLICANT: No. US20030125524A1ak, Julia E.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/10/295,723
; PRIOR FILING DATE: 2002-11-15
; PRIOR APPLICATION NUMBER: 09/552,217
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: US 60/123,547
; PRIOR FILING DATE: 1999-03-09
; PRIOR APPLICATION NUMBER: US 60/123,904
; PRIOR FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: US 60/142,013
; PRIOR FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 38
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-10-295-723-38
Query Match 0.4%; Score 19.2; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Cy 5392 TAAAAAATACAAAAAGAAAAA 5415
Db 26 TAAAAAATACAAAAAGAAAAA 3
RESULT 153
US-10-275-071-19/c
; Sequence 19, Application US/10275071
; Publication No. US20030186268A1
; GENERAL INFORMATION:
; APPLICANT: Crouzet, Joel
; APPLICANT: Scherman, Daniel
; APPLICANT: Wils, Pierre
; APPLICANT: Cameron, Beatrice
; APPLICANT: Blanche, Francis
; TITLE OF INVENTION: PURIFICATION OF A TRIPLE HELIX FORMATION WITH AN
; TITLE OF INVENTION: IMMOBILIZED OLIGONUCLEOTIDE
; FILE REFERENCE: 08888.0138-02
; CURRENT APPLICATION NUMBER: US/10/275,071
; PRIOR FILING DATE: 2003-04-07
; PRIOR APPLICATION NUMBER: 09/580,923
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 08/860,038
; PRIOR FILING DATE: 1997-06-09
; PRIOR APPLICATION NUMBER: PCT/FR95/01468
; PRIOR FILING DATE: 1995-11-08
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 19
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Oligonucleotide
```

```
US-10-275-071-19
Query Match 0.4%; Score 19.2; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Cy 1180 AGAGAGAGAGAGAGAGAGAAATCA 1203
Db 26 AGAGAGAGAGAGAGAGAGAGAGCA 3
RESULT 154
US-10-659-684-38/c
; Sequence 38, Application US/10659684
; Publication No. US20040110932A1
; GENERAL INFORMATION:
; APPLICANT: Novak, Julia E.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/10/659,684
; PRIOR FILING DATE: 2003-09-10
; PRIOR APPLICATION NUMBER: US/09/522,217
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,547
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 38
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-10-659-684-38
Query Match 0.4%; Score 19.2; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Cy 5392 TAAAAAATACAAAAAGAAAAA 5415
Db 26 TAAAAAATACAAAAAGAAAAA 3
RESULT 155
US-10-184-085A-165/c
; Sequence 165, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; PRIOR FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
```

SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 165
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-184-085A-165

Query Match 0.3%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2436 GGATGAGAGCGGAGAGGT 2454
Db 19 GGATGAGAGCGGAGAGGT 1

RESULT 156
US-09-888-326-842/c
Sequence 842, Application US/09888326
Publication No. US20030026801A1
GENERAL INFORMATION:
APPLICANT: Weiner, George
TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
TITLE OF INVENTION: Cell lysate and treating Cancer
FILE REFERENCE: C1039/7052 (AMS)
CURRENT APPLICATION NUMBER: US/09/888,326
CURRENT FILING DATE: 2001-06-22
PRIOR APPLICATION NUMBER: US 60/213,346
PRIOR FILING DATE: 2000-06-22
NUMBER OF SEQ ID NOS: 848
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 842
LENGTH: 27
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide
NAME/KEY: misc feature
LOCATION: (0)...(0)
OTHER INFORMATION: phosphothioate backbone
US-09-888-326-842

Query Match 0.3%; Score 19; DB 1; Length 27;
Best Local Similarity 81.5%; Pred. No. 2.1e+02;
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 5389 AATTAAAAAATACAAAAAGAAAAA 5415
Db 27 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 157
US-09-776-479-911/c
Sequence 911, Application US/09776479
Publication No. US20030087848A1
GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 911
LENGTH: 27
TYPE: DNA
ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-09-776-479-911

Query Match 0.3%; Score 19; DB 1; Length 27;
Best Local Similarity 81.5%; Pred. No. 2.1e+02;
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 5389 AATTAAAAAATACAAAAAGAAAAA 5415
Db 27 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 158
US-09-776-479-911/c
Sequence 911, Application US/09776479
Publication No. US20040067902A9
GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 911
LENGTH: 27
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-09-776-479-911

Query Match 0.3%; Score 19; DB 1; Length 27;
Best Local Similarity 81.5%; Pred. No. 2.1e+02;
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 5389 AATTAAAAAATACAAAAAGAAAAA 5415
Db 27 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 159
US-10-112-653-880/c
Sequence 880, Application US/10112653
Publication No. US20030050268A1
GENERAL INFORMATION:
APPLICANT: Kries, Arthur M.
APPLICANT: Berg, Daniel J.
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
FILE REFERENCE: C01039/70060(AWS)
CURRENT APPLICATION NUMBER: US/10/112,653
CURRENT FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: US 60/279,642
PRIOR FILING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 1040
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 880
LENGTH: 27
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide
US-10-112-653-880

Query Match 0.3%; Score 19; DB 1; Length 27;
Best Local Similarity 81.5%; Pred. No. 2.1e+02;

	Matches	22;	Conservative	0;	Mismatches	5;	Indels	0;	Gaps	0;
Qy	5389	AAATTAATAAATAATACAAATAAAGAAAAA	5415							
Db	27	AAAAAAAAAAAAAAAAAAAAAAAAAAAAA	1							

```

RESULT 160
US-10-017-995-911/c
: Sequence 911, Application US/10017995
: Publication No. US20030055014A1
: GENERAL INFORMATION:
: APPLICANT: Bratler, Robert L.
: TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
: FILE REFERENCE: C1037/7025 (HCl/MAT)
: CURRENT APPLICATION NUMBER: US/10/017,995
: CURRENT FILING DATE: 2001-12-18
: PRIOR APPLICATION NUMBER: US 60/255,534
: PRIOR FILING DATE: 2000-12-14
: NUMBER OF SEQ ID NOS: 1093
: SOFTWARE: FastSeq for Windows Version 3.0
: SEQ ID NO 911
: LENGTH: 27
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Synthetic Sequence
US-10-017-995-911

```

Query Match	0.3%	Score 19;	DB 1;	Length 27;
Best Local Similarity	81.5%;	Pred. No. 2.1e+02;		
Matches 22;	Conservative	0;	Mismatches 5;	Indels 0;
				Gaps 0;

```

RESULT 161
US-10-314-578-911/C
Sequence 911, Application US/10314578
Publication No. US20030212026A1
GENERAL INFORMATION:
APPLICANT: Kries, Arthur M.
APPLICANT: Schetter, Christian
APPLICANT: Vollmer, Jörg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCl/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
PRIORITY FILING DATE: 2002-12-09
PRIORITY APPLICATION NUMBER: US 60/156,113
PRIORITY FILING DATE: 1999-09-25
PRIORITY APPLICATION NUMBER: US 60/156,135
PRIORITY FILING DATE: 1999-09-27
PRIORITY APPLICATION NUMBER: US 60/227,436
PRIORITY FILING DATE: 2000-08-23
NUMBER OF SEQ ID NOS: 1145
SOFTWARE: PatsSeq for Windows Version 3.0
SEQ ID NO 911
LENGTH: 27
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Synthetic Sequence
US-10-314-578-911

```

Query Match	0.3%	Score 19;	DB 1;	Length 27;
Best Local Similarity	81.5%;	Pred. No. 2.1e+02;		
Matches 22; Conservative	0;	Mismatches 5;	Indels 0;	Gaps 0;

```

RESULT 162
US-10-407-818-3/c
; Sequence 3, Application US/10407818
; Publication No. US20040198971A1
GENERAL INFORMATION:
APPLICANT: RABEANI, ELAZAR
APPLICANT: STAVRIANOPOULOS, JANNIS G.
APPLICANT: DONEGAN, JAMES J.
TITLE OF INVENTION: MULTISIGNAL LABELING REAGENTS, AND PROCESSES AND USES
TITLE OF INVENTION: THEREFOR
FILE REFERENCE: ENZ-65
CURRENT APPLICATION NUMBER: US/10/407,818
CURRENT FILING DATE: 2003-04-03
NUMBER OF SEQ ID NOS: 16
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 3
LENGTH: 27
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
OTHER INFORMATION: Synthetic oligonucleotide
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide
US-10-407-818-3

```

Query Match	0.3%	Score 19;	DB 1;	Length 27;
Best Local Similarity	81.5%;	Pred. No. 2.1e+02;		
Matches 22;	Conservative 0;	Mismatches 5;	Indels 0;	Gaps 0

```

RESULT 163
US-09-750-401-17/c
; Sequence 17, Application US/09750401
; Publication No. US2002004211A1
; GENERAL INFORMATION:
; APPLICANT: Keene, Jack D.
; APPLICANT: Carson, Craig C.
; APPLICANT: Tenenbaum, Scott A.
; TITLE OR INVENTION: Methods for isolating and characterizing endogenous mRNA-protein
; TITLE OR INVENTION: complexes
; FILE REFERENCE: RBN-001
; CURRENT APPLICATION NUMBER: US/09/750,401
; CURRENT FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: US 60/173,338
; PRIOR FILING DATE: 1999-12-28
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3'-UTR sequence of Neuronal-Cadherin
US-09-750-401-17

```

Query Match	0.3%	Score 18.8	DB 1	Length 22
Best Local Similarity	90.9%	Pred. No. 2e+02		
Matches 20; Conservative	0;	Mismatches 2;	Indels 0;	Gaps 0;

Db 27 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 164


```
US-09-750-401-19/c
; Sequence 19, Application US/09750401
; Publication No. US20020004211A1
; GENERAL INFORMATION:
; APPLICANT: Keene, Jack D.
; APPLICANT: Tenenbaum, Scott A.
; APPLICANT: Carson, Craig C.
; TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein
; TITLE OF INVENTION: complexes
; FILE REFERENCE: REN-001C
; CURRENT APPLICATION NUMBER: US/09/750,401
; CURRENT FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: US 60/173,338
; PRIOR FILING DATE: 1999-12-28
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 19
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3'-UTR sequence of Neuronal-Cadherin
US-09-750-401-19
Query Match          0.3%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5394 AAAAAATACAGAAAAAATAAAAAA 5415
Db 22 AAAAAATACAGAAAAAATAAAAAA 1

RESULT 165
US-10-309-788-17/c
; Sequence 17, Application US/10309788
; Publication No. US20030211466A1
; GENERAL INFORMATION:
; APPLICANT: Keene, Jack D.
; APPLICANT: Tenenbaum, Scott A.
; APPLICANT: Carson, Craig C.
; APPLICANT: Phelps, William C.
; TITLE OF INVENTION: Method for identifying functionally related genes and drug targets
; FILE REFERENCE: REN-001C
; CURRENT APPLICATION NUMBER: US/10/309,788
; CURRENT FILING DATE: 2003-06-18
; PRIOR APPLICATION NUMBER: US 60/173,338
; PRIOR FILING DATE: 1999-12-28
; PRIOR APPLICATION NUMBER: US 09/750,401
; PRIOR FILING DATE: 2000-12-28
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3'-UTR consensus sequence of Neuronal-Cadherin
US-10-309-788-17
Query Match          0.3%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5394 AAAAAATACAGAAAAAATAAAAAA 5415
Db 22 AAAAAATACAGAAAAAATAAAAAA 1

RESULT 166
US-10-309-788-19/c
; Sequence 19, Application US/10309788
; Publication No. US20030211466A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Keene, Jack D.
; APPLICANT: Tenenbaum, Scott A.
; APPLICANT: Carson, Craig C.
; APPLICANT: Phelps, William C.
; TITLE OF INVENTION: Method for identifying functionally related genes and drug targets
; FILE REFERENCE: REN-001C
; CURRENT APPLICATION NUMBER: US/10/309,788
; CURRENT FILING DATE: 2003-06-18
; PRIOR APPLICATION NUMBER: US 60/173,338
; PRIOR FILING DATE: 1999-12-28
; PRIOR APPLICATION NUMBER: US 09/750,401
; PRIOR FILING DATE: 2000-12-28
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 19
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3'-UTR consensus sequence of Neuronal-Cadherin
US-10-309-788-19
Query Match          0.3%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5394 AAAAAATACAGAAAAAATAAAAAA 5415
Db 22 AAAAAATACAGAAAAAATAAAAAA 1

RESULT 167
US-10-238-306B-17/c
; Sequence 17, Application US/10238306B
; Publication No. US20030235830A1
; GENERAL INFORMATION:
; APPLICANT: Keene, Jack D.
; APPLICANT: Tenenbaum, Scott A.
; APPLICANT: Carson, Craig C.
; APPLICANT: Phelps, William C.
; TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein
; FILE REFERENCE: REN-001C
; CURRENT APPLICATION NUMBER: US/10/238,306B
; CURRENT FILING DATE: 2002-09-10
; PRIOR APPLICATION NUMBER: US 09/750,401
; PRIOR FILING DATE: 2001-12-28
; PRIOR APPLICATION NUMBER: US 60/173,338
; PRIOR FILING DATE: 1999-12-28
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3'-UTR sequence of Neuronal-Cadherin
US-10-238-306B-17
Query Match          0.3%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5394 AAAAAATACAGAAAAAATAAAAAA 5415
Db 22 AAAAAATACAGAAAAAATAAAAAA 1

RESULT 168
US-10-238-306B-19/c
; Sequence 19, Application US/10238306B
; Publication No. US20030235830A1
; GENERAL INFORMATION:
```

```
/ APPLICANT: Keene, Jack D.
/ APPLICANT: Tenenbaum, Scott A.
/ APPLICANT: Carson, Craig C.
/ TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein
/ TITLE OF INVENTION: complexes
/ FILE REFERENCE: RBN-001D
/ CURRENT APPLICATION NUMBER: US/10/238,306B
/ CURRENT FILING DATE: 2002-09-10
/ PRIOR APPLICATION NUMBER: US 09/750,401
/ PRIOR FILING DATE: 2001-12-28
/ PRIOR APPLICATION NUMBER: US 60/173,338
/ PRIOR FILING DATE: 1999-12-28
/ NUMBER OF SEQ ID NOS: 37
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 19
/ LENGTH: 22
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: 3'-UTR sequence of Neuronal-Cadherin
US-10-238-306B-19
```

```
Query Match          0.3%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 5394 AAAAAATACAAAAAGAAAAA 5415
Db 22 AAAAAATACAAAAATAAAAA 1
```

```
RESULT 169
US-10-629-453-17/c
/ Sequence 17, Application US/10629453
/ Publication No. US20040096878A1
/ GENERAL INFORMATION:
/ APPLICANT: Keene, Jack D.
/ APPLICANT: Carson, Craig C.
/ APPLICANT: Tenenbaum, Scott A.
/ TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein
/ TITLE OF INVENTION: complexes
/ FILE REFERENCE: RBN-001D
/ CURRENT APPLICATION NUMBER: US/10/629,453
/ CURRENT FILING DATE: 2003-07-29
/ PRIOR APPLICATION NUMBER: US 09/750,401
/ PRIOR FILING DATE: 2000-12-28
/ PRIOR APPLICATION NUMBER: US 60/173,338
/ PRIOR FILING DATE: 1999-12-28
/ NUMBER OF SEQ ID NOS: 37
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 17
/ LENGTH: 22
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: 3'-UTR sequence of Neuronal-Cadherin
US-10-629-453-17
```

```
Query Match          0.3%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 5394 AAAAAATACAAAAAGAAAAA 5415
Db 22 AAAAAATACAAAAATAAAAA 1
```

```
RESULT 170
US-10-629-453-19/c
/ Sequence 19, Application US/10629453
/ Publication No. US20040096878A1
/ GENERAL INFORMATION:
/ APPLICANT: Keene, Jack D.
```

```
/ APPLICANT: Carson, Craig C.
/ APPLICANT: Tenenbaum, Scott A.
/ TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein
/ TITLE OF INVENTION: complexes
/ FILE REFERENCE: RBN-001D
/ CURRENT APPLICATION NUMBER: US/10/629,453
/ CURRENT FILING DATE: 2003-07-29
/ PRIOR APPLICATION NUMBER: US 09/750,401
/ PRIOR FILING DATE: 2000-12-28
/ PRIOR APPLICATION NUMBER: US 60/173,338
/ PRIOR FILING DATE: 1999-12-28
/ NUMBER OF SEQ ID NOS: 37
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 19
/ LENGTH: 22
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: 3'-UTR sequence of Neuronal-Cadherin
US-10-629-453-19
```

```
Query Match          0.3%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 5394 AAAAAATACAAAAAGAAAAA 5415
Db 22 AAAAAATACAAAAATAAAAA 1
```

```
RESULT 171
US-09-997-931-5
/ Sequence 5, Application US/0997931
/ Publication No. US20030087241A1
/ GENERAL INFORMATION:
/ APPLICANT: University of Rochester
/ APPLICANT: Kool, Eric
/ TITLE OF INVENTION: CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA AND DNA
/ FILE REFERENCE: 220,00010142
/ CURRENT APPLICATION NUMBER: US/09/997,931
/ CURRENT FILING DATE: 2001-11-30
/ PRIOR APPLICATION NUMBER: US 09/569,344
/ PRIOR FILING DATE: 2000-05-11
/ PRIOR APPLICATION NUMBER: US 08/805,631
/ PRIOR FILING DATE: 1997-02-26
/ PRIOR APPLICATION NUMBER: US 08/393,439
/ PRIOR FILING DATE: 1995-02-23
/ PRIOR APPLICATION NUMBER: US 08/047,860
/ PRIOR FILING DATE: 1993-04-15
/ NUMBER OF SEQ ID NOS: 129
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 5
/ LENGTH: 26
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: circular template
US-09-997-931-5
```

```
Query Match          0.3%; Score 18.8; DB 1; Length 26;
Best Local Similarity 90.9%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACAAAAAGAAAAA 5414
Db 5 AAAAAATACAAAAATAAAAA 26
```

```
RESULT 172
US-09-866-108-13291
/ Sequence 13291, Application US/09866108
/ Patent No. US20020048600A1
/ GENERAL INFORMATION:
```

```

; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yongsang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 13291
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-13291

Query Match      0.3%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 2.4e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy      3475 AGCAGCGAAGAACCAAGTGTGATGA 3499
Db      1 AGCAGAGTGAAGCCAGTGTGAGGA 25

RESULT 173
; US-09-827-998-1153
; Sequence 1153, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN B
; FILE REFERENCE: MDHMOF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
```

```

; NUMBER OF SEQ ID NOS: 1891
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1153
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-827-998-1153

Query Match      0.3%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 2.4e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy      5410 AAAAATGAAATTAAGAAATPAGA 5434
Db      1 AAGAAATGAAATTAAGAAATPAGA 25

RESULT 174
; US-10-060-756A-2118
; Sequence 2118, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 2118
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-060-756A-2118

Query Match      0.3%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 2.4e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy      770 GCGCCAAAGCCAGGAGGCGGAGG 794
Db      1 GAGCCAAAGCCAGGCGGCGGCGG 25

RESULT 175
; US-10-675-685-1153
; Sequence 1153, Application US/10675685
; Publication No. US20040065134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN B
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
```

```
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1153
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-1153
```

```
Query Match
Best Local Similarity 84.0%; Score 18.6; DB 1; Length 25;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 5410 AAAAAATGAAATTAAGCAATTAAGA 5434
Db 1 AGCAAGTGAAGCAAGTGTAGCA 25
```

RESULT 176

```
US-10-723-361-13291
; Sequence 13291, Application US/10723361
; Publication No. US20040137589A1
```

GENERAL INFORMATION:

```
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
FILE REFERENCE: P0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263,6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
```

```
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 13291
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-13291
```

```
Query Match
Best Local Similarity 84.0%; Score 18.6; DB 1; Length 25;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 3475 AGCAGACGAAACCAAGTGTATGA 3499
Db 1 AGCAGAGTGAAGCAAGTGTAGCA 25
```

```
RESULT 177
US-09-956-712-74/c
; Sequence 74, Application US/09956712
; Publication No. US20030092648A1
; GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
FILE REFERENCE: RTS-0326
CURRENT APPLICATION NUMBER: US/09/956,712
CURRENT FILING DATE: 2001-09-19
NUMBER OF SEQ ID NOS: 91
SEQ ID NO 74
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-74
```

```
Query Match
Best Local Similarity 95.0%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 3466 CTCATCTTCAGCAGACGGA 3485
Db 20 CTCATCTTCAGCAGCGTA 1
```

RESULT 178

```
US-10-633-913-74/c
; Sequence 74, Application US/10633913
; Publication No. US20040029277A1
```

GENERAL INFORMATION:

```
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
FILE REFERENCE: RTS-0326
CURRENT APPLICATION NUMBER: US/10/633,913
CURRENT FILING DATE: 2003-08-04
PRIOR APPLICATION NUMBER: US/09/956,712
PRIOR FILING DATE: 2001-09-19
NUMBER OF SEQ ID NOS: 91
SEQ ID NO 74
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-74
```

```
Query Match
Best Local Similarity 95.0%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 3466 CTCATCTTCAGCAGACGGA 3485
Db 20 CTCATCTTCAGCAGCGTA 1
```

```
RESULT 179
US-10-344-741-21/c
; Sequence 21, Application US/10344741
; Publication No. US20040038371A1
```

GENERAL INFORMATION:

```
APPLICANT: Baeten, Danielle
APPLICANT: Dekker, Petrus, Jacobus, Theodorus
APPLICANT: Schuurhuizen, Paul, William
APPLICANT: Schaap, petrus, Johannes
APPLICANT: Visser, Jacob
APPLICANT: DSM NV
TITLE OF INVENTION: No. US20040038371A1el Aminopeptidase
FILE REFERENCE: 24615-20187.00
```

;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Oligonucleotide primer ZC7231
US-09-923-236-6
Query Match 0.3%; Score 18.4; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 2.6e+02;
Matches 20; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAATAATACAAAAAGAAAAA 5415
DB 24 BAAAAAAAAAAAAAAAAAAAAA 1

RESULT 180
US-09-922-480-6/c
Sequence 6, Application US/09922480
Patent No. US20020081701A1
GENERAL INFORMATION:
APPLICANT: Sheppard, Paul O.
TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE
FILE REFERENCE: 97-71
CURRENT APPLICATION NUMBER: US/09/922,480
CURRENT FILING DATE: 2001-08-03
PRIOR APPLICATION NUMBER: US 60/124,820
PRIOR FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 9
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 6
LENGTH: 26
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer ZC7231
US-09-922-480-6

Query Match 0.3%; Score 18.4; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 2.6e+02;
Matches 20; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAATAATACAAAAAGAAAAA 5415
DB 26 BAAAAAAAAAAAAAAAAAAAAA 3

RESULT 181
US-09-923-236-6/c
Sequence 6, Application US/09923236
Patent No. US20020090677A1
GENERAL INFORMATION:
APPLICANT: Sheppard, Paul O.
TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE
FILE REFERENCE: 97-71
CURRENT APPLICATION NUMBER: US/09/923,236
CURRENT FILING DATE: 2001-08-03
PRIOR APPLICATION NUMBER: US 60/124,820
PRIOR FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 9
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 6
LENGTH: 26
TYPE: DNA

;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Oligonucleotide primer ZC7231
US-09-923-236-6

Query Match 0.3%; Score 18.4; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 2.6e+02;
Matches 20; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAATAATACAAAAAGAAAAA 5415
DB 26 BAAAAAAAAAAAAAAAAAAAAA 3

RESULT 182
US-09-922-469-6/c
Sequence 6, Application US/09922469
Patent No. US20020173027A1
GENERAL INFORMATION:
APPLICANT: Sheppard, Paul O.
TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE
FILE REFERENCE: 97-71
CURRENT APPLICATION NUMBER: US/09/922,469
CURRENT FILING DATE: 2001-08-03
PRIOR APPLICATION NUMBER: US 60/124,820
PRIOR FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 9
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 6
LENGTH: 26
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer ZC7231
US-09-922-469-6

Query Match 0.3%; Score 18.4; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 2.6e+02;
Matches 20; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAATAATACAAAAAGAAAAA 5415
DB 26 BAAAAAAAAAAAAAAAAAAAAA 3

RESULT 183
US-10-039-876A-10/c
Sequence 10, Application US/10039876A
Publication No. US20030032792A1
GENERAL INFORMATION:
APPLICANT: Conklin, Darrell C.
TITLE OF INVENTION: A HUMAN 2-19 PROTEIN HOMOLOGUE, Z219A
FILE REFERENCE: 97-63C1
CURRENT APPLICATION NUMBER: US/10/039,876A
CURRENT FILING DATE: 2001-10-26
PRIOR APPLICATION NUMBER: US 60/061,712
PRIOR FILING DATE: 1997-10-06
PRIOR APPLICATION NUMBER: US 09/167,513
PRIOR FILING DATE: 1998-10-06
NUMBER OF SEQ ID NOS: 28
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 10
LENGTH: 26
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer ZC7231
US-10-039-876A-10

Query Match 0.3%; Score 18.4; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 2.6e+02;


```
RESULT 188
US-09-920-342-12/c
; Sequence 12, Application US/09920342
; Patent No. US20020137709A1
; GENERAL INFORMATION:
; APPLICANT: University of Southern California
; APPLICANT: Lin, Shi-Lung
; APPLICANT: Chung, Cheng-Ming
; APPLICANT: Midelfelt, Randall B.
; TITLE OF INVENTION: GENE SILENCING USING mRNA-CDNA HYBRIDS
; FILE REFERENCE: 13761-7024
; CURRENT FILING DATE: US/09/920,342
; PRIOR FILING DATE: 2002-01-17
; PRIOR APPLICATION NUMBER: US 60/222,479
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Poly(dT)24 primer
US-09-920-342-12

Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 5393 AAAAAAATACAAAAAGAAAAA 5415
Db 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 189
US-09-920-313-148/c
; Sequence 148, Application US/09920313
; Publication No. US20020198165A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; TITLE OF INVENTION: Nucleic Acids for the Prevention and
; TITLE OF INVENTION: Treatment of Gastric Ulcers
; FILE REFERENCE: C1037/7019 (HCL/MAT)
; CURRENT FILING DATE: 2001-08-01
; PRIOR APPLICATION NUMBER: US/09/920,313
; PRIOR FILING DATE: 2001-08-08
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 148
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-920-313-148

Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 5393 AAAAAAATACAAAAAGAAAAA 5415
Db 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 190
US-09-949-305B-6/c
; Sequence 6, Application US/09949305B
; Publication No. US20030022318A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Lin, Shi-Lung
; APPLICANT: Ying, Shao-Yao
; TITLE OF INVENTION: Method for Thermocycling Amplification of Nucleic Acid Sequences
; TITLE OF INVENTION: Generation of Related Peptides Thereof
; FILE REFERENCE: 266/014
; CURRENT FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: 09/494,212
; PRIOR FILING DATE: 2000-01-25
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 24
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: Oligo(dT) primer for RNA polymerase thermocycling procedure
US-09-949-305B-6

Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 5393 AAAAAAATACAAAAAGAAAAA 5415
Db 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 191
US-09-888-326-841/c
; Sequence 841, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; TITLE OF INVENTION: Cell Lysis and Treating Cancer
; FILE REFERENCE: C1039/7052 (AMS)
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US/09/888,326
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 841
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
NAME/KEY: misc_feature
LOCATION: (0)...(0)
; OTHER INFORMATION: phosphorothioate backbone
US-09-888-326-841

Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 5393 AAAAAAATACAAAAAGAAAAA 5415
Db 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 192
US-09-776-479-433/c
; Sequence 433, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fourton, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
```

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; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/119,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 433
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-433

Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAA 5415
Db 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 193
US-09-776-479-433/C
; Sequence 433, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fourn, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 433
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-433

Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAA 5415
Db 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 194
US-09-776-479-961/C
; Sequence 961, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fourn, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/119,991
```

```
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 961
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-961

Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAA 5415
Db 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 195
US-09-776-479-961/C
; Sequence 961, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fourn, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 961
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-961

Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAA 5415
Db 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 196
US-09-776-479-962
; Sequence 962, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fourn, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 962
; LENGTH: 24
```


TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-09-776-479-962

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 5393 AAAAAAAAAACAAAAA 5415
DB 1 AAAAAAAAAAAAAAAAAA 23

RESULT 197
US-09-776-479-962
Sequence 962, Application US/0976479
Publication No. US20040067902A9
GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
APPLICANT: Pouton, Yves
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 962
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-09-776-479-962

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 5393 AAAAAAAAAACAAAAA 5415
DB 1 AAAAAAAAAAAAAAAAAA 23

RESULT 198
US-09-732-047B-1
Sequence 1, Application US/09732047B
Publication No. US20040175696A1
GENERAL INFORMATION:
APPLICANT: Ullman, Edwin
APPLICANT: Singh, Rajendra
APPLICANT: Deketzer, Steve
APPLICANT: Davallan, Darliah
TITLE OF INVENTION: Amplified Luminescent Homogeneous
FILE REFERENCE: BEH-7385
CURRENT APPLICATION NUMBER: US/09/732,047B
CURRENT FILING DATE: 2000-12-07
NUMBER OF SEQ ID NOS: 7
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 1
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: hybridization oligo
US-09-732-047B-1

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 5393 AAAAAAAAAACAAAAA 5415
DB 1 AAAAAAAAAAAAAAAAAA 23

RESULT 199
US-10-043-415-4
Sequence 4, Application US/10043415
Publication No. US20020182620A1
GENERAL INFORMATION:
APPLICANT: Kurn, Nurlich
APPLICANT: Patel, Rajesh D.
TITLE OF INVENTION: Quantitative Determination of Nucleic
FILE REFERENCE: BEH-7408
CURRENT APPLICATION NUMBER: US/10/043,415
CURRENT FILING DATE: 2002-01-10
PRIOR APPLICATION NUMBER: US/09/025,639
PRIOR FILING DATE: 1998-02-18
NUMBER OF SEQ ID NOS: 8
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 4
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc binding
LOCATION: (1) ... (24)
OTHER INFORMATION: Synthetic DNA Probe
US-10-043-415-4

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 5393 AAAAAAAAAACAAAAA 5415
DB 1 AAAAAAAAAAAAAAAAAA 23

RESULT 200
US-10-112-653-415/c
Sequence 415, Application US/10112653
Publication No. US20030050268A1
GENERAL INFORMATION:
APPLICANT: Kriegl, Arthur M.
APPLICANT: Berg, Daniel J.
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
FILE REFERENCE: C01039/70060 (AMS)
CURRENT APPLICATION NUMBER: US/10/112,653
CURRENT FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: US 60/279,642
PRIOR FILING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 1040
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 415
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-415

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 5393 AAAAAAAAAACAAAAA 5415

```
Db      24 AAAAAAAAAAAAAAAAAAAAAA 2
RESULT 201
US-10-112-653-919/c
; Sequence 919, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US/10/112,653
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 919
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-919

Query Match      0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAAATACAAAGAAAAA 5415
Db      24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 202
US-10-112-653-920
; Sequence 920, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 920
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-920
```

```
Query Match      0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAAATACAAAGAAAAA 5415
Db      1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 203
US-10-017-995-433/c
; Sequence 433, Application US/10017995
```

```
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 433
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-433

Query Match      0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAAATACAAAGAAAAA 5415
Db      24 AAAAAAAAAAAAAAAAAAAAAA 2
```

```
RESULT 204
US-10-017-995-961/c
; Sequence 961, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 961
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-961

Query Match      0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAAATACAAAGAAAAA 5415
Db      24 AAAAAAAAAAAAAAAAAAAAAA 2
```

```
RESULT 205
US-10-017-995-962
; Sequence 962, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
```

```

; SEQ ID NO 962
;
; LENGTH: 24
;
; TYPR: DNA
;
; ORGANISM: Artificial Sequence
;
; FEATURE:
;
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-962

```

Query Match	0.3%	Score 18.2;	DB 1;	length 24;
Best Local Similarity	87.0%	Pred. No. 2.7e+02;		
Matches 20; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;

```

QY      5393  AAAAAAAAAAGAAAAA  5415
          |||||  |||||  |||||
Db      1  AAAAAAAAAAAAAAAAAA  23

```

```

RESULT 206
US-10-058-513-39/c
; Sequence 39, Application US/10058513
; Publication NO. US20030087245A1
; GENERAL INFORMATION:
; APPLICANT: Gish, Kurt C.
; APPLICANT: Mack, David H.
; APPLICANT: Afar, Daniel
; APPLICANT: Bos Biotechnology, Inc.
; TITLE OF INVENTION: Uses of pph1 in the Diagnosis and Therapeutic Treatment
; TITLE OF INVENTION: of Prostate Cancer
; FILE REFERENCE: 018501-005910US
; CURRENT APPLICATION NUMBER: US/10/058,513
; CURRENT FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: US 60/263,951
; PRIOR FILING DATE: 2001-01-24
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 39
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: T7-(dt) -24
; US-10-058-513-39

```

Query Match	0.3%	Score 18.2;	DB 1;	Length 24;
Best Local Similarity	87.0%	Pred. No. 2.7e+02;		
Matches 20; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;

```
Oy      5393 AAAAAAAAAACAAAAAA 5415
          ||||| | ||||| |||||
Db      24 AAAAAAAAAAAAAAAAAA 2
```

```

1 RESULT 207
2 US-10-272-502A-2/c
3 Sequence 2, Application US/10272502A
4 Publication No. US20030139364A1
5 GENERAL INFORMATION:
6 APPLICANT: Kitley, Arthur M.
7 APPLICANT: Schetter, Christian
8 APPLICANT: Bratzler, Robert L.
9 APPLICANT: Vollmer, Jörg
10 APPLICANT: Bauer, Stefan
11 APPLICANT: Juk, Marion
12 TITLE OF INVENTION: METHODS AND PRODUCTS FOR ENHANCING IMMUNE RESPONSES USING
13 TITLE OF INVENTION: IMIDAZOQUINOLINE COMPOUNDS
14 FILE REFERENCE: CO1039.70065.US
15 CURRENT APPLICATION NUMBER: US/10/272,502A
16 PRIOR FILING DATE: 2002-10-15
17 PRIOR APPLICATION NUMBER: 60/329,208
18 PRIOR FILING DATE: 2001-10-12
19 NUMBER OF SEQ ID NOS: 31
20 SOFTWARE: PatentIn version 3.1

```

```

? SEQ ID NO 2
? LENGTH: 24
? TYPE: DNA
? ORGANISM: Artificial Sequence
? FEATURES:
? OTHER INFORMATION: Synthetic Oligonucleotide
? OS-10-272-502A-2

```

Query Match	0.3%	Score 18.2;	DB 1;	Length 24;
Best Local Similarity	87.0%	Pred. No. 2.7e+02;		
Matches 20; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;

```
QY 5393 AAAAAAAAAAGAAAAA 5415
      ||||| | ||||| |||||
Db 24 AAAAAAAAAAAAAAAAAA 2
```

```

RESULT 208
US-10-224-523-53/c
Sequence 53, Application US/10/224523
Publication No. US20030148976A1
GENERAL INFORMATION:
APPLICANT: Kriegl, Arthur
APPLICANT: Vollmer, Jorg
APPLICANT: Ullmann, Eugen
TITLE OF INVENTION: Combination Motic Immune Stimulatory Oligonucleotides with Improv
TITLE OF INVENTION: Activity
FILE REFERENCE: C01039/70063 (HCL/AWS)
CURRENT APPLICATION NUMBER: US/10/224,523
CURRENT FILING DATE: 2002-08-19
PRIOR APPLICATION NUMBER: US 60/313,273
PRIOR FILING DATE: 2001-08-17
PRIOR APPLICATION NUMBER: US 60/393,952
PRIOR FILING DATE: 2002-07-03
NUMBER OF SEQ ID NOS: 81
SOFTWARE: PatentIn version 3.1
SEQ ID NO 53
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Synthetic Oligonucleotide
US-10-224-523-53

```

Query Match	0.34;	Score 18.2;	DB 1;	Length 24;
Best Local Similarity	87.0%;	Pred. No. 2.7e+02;		
Matches 20; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;

OY	5393	AAAAAAAAATACAAAAAGAAAAAA	5415
Db	24	AAAAAAAAAAAAAAAAAAAAAAAAA	2

```

1 RESULT 209
2 US-10-331-780-6
3 Sequence 6, Application US//10331780
4 Publication No. US20030162210A1
5 GENERAL INFORMATION:
6 APPLICANT: Chetverin, Alexander B.
7 APPLICANT: Kramer, Fred Ruben
8 TITLE OF INVENTION: NOVEL OLIGONUCLEOTIDE ARRAYS AND THEIR USE FOR SORTING
9 TITLE OF INVENTION: ISOLATING, SEQUENCING, AND MANIPULATING NUCLEIC ACIDS
10 FILE REFERENCE: 07763-004002
11 CURRENT APPLICATION NUMBER: US//10/331,780
12 CURRENT FILING DATE: 2002-12-31
13 PRIOR APPLICATION NUMBER: US/08/473,010
14 PRIOR FILING DATE: 1995-06-07
15 PRIOR APPLICATION NUMBER: US 08/247,530
16 PRIOR FILING DATE: 1994-05-25
17 PRIOR APPLICATION NUMBER: US 07/833,607
18 PRIOR FILING DATE: 1992-02-19
19 NUMBER OF SEQ ID NOS: 19
20 SOFTWARE: FaSTSeq for Windows Version 3.0

```

```
/ SEQ ID NO 6
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetically derived DNA
US-10-314-780-6
```

```
Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5391 TTTAAAAATTCAGAAAAAGAAAA 5413
           |||||
DB       2  TTTAAAAATTCAGAAAAAGAAAA 24
```

```
RESULT 210
US-10-389-665-4
/ Sequence 4, Application US/10389665
/ Publication No. US20030175785A1
/ GENERAL INFORMATION:
/ APPLICANT: Kuhn, Nurith
/ APPLICANT: Patel, Rajesh D.
/ TITLE OF INVENTION: Quantitative Determination of Nucleic
/ TITLE OF INVENTION: Acid Amplification Products
/ FILE REFERENCE: BEH-7408
/ CURRENT APPLICATION NUMBER: US/10/389,665
/ PRIOR FILING DATE: 2003-03-14
/ PRIOR APPLICATION NUMBER: US/09/025,639
/ PRIOR FILING DATE: 1998-02-18
/ NUMBER OF SEQ ID NOS: 8
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 4
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc binding
/ LOCATION: (1)..(24)
/ OTHER INFORMATION: Synthetic DNA Probe
US-10-389-665-4
```

```
Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATTCAGAAAAAGAAAA 5415
           |||||
DB       1  AAAAAATTCAGAAAAAGAAAA 23
```

```
RESULT 211
US-10-314-578-433/C
/ Sequence 433, Application US/10314578
/ Publication No. US20030212026A1
/ GENERAL INFORMATION:
/ APPLICANT: Krieg, Arthur M.
/ APPLICANT: Schetter, Christian
/ APPLICANT: Vollmer, Jorg
/ TITLE OF INVENTION: Immunostimulatory Nucleic Acids
/ FILE REFERENCE: C1039/7035 (HCL/MAT)
/ CURRENT APPLICATION NUMBER: US/10/314,578
/ CURRENT FILING DATE: 2002-12-09
/ PRIOR APPLICATION NUMBER: US 60/156,113
/ PRIOR FILING DATE: 1999-09-25
/ PRIOR APPLICATION NUMBER: US 60/156,135
/ PRIOR FILING DATE: 1999-09-27
/ PRIOR APPLICATION NUMBER: US 60/227,436
/ PRIOR FILING DATE: 2000-08-23
/ NUMBER OF SEQ ID NOS: 1145
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 433
```

```
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-10-314-578-433
```

```
Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATTCAGAAAAAGAAAA 5415
           |||||
DB       24 AAAAAATTCAGAAAAAGAAAA 2
```

```
RESULT 212
US-10-314-578-961/C
/ Sequence 961, Application US/10314578
/ Publication No. US20030212026A1
/ GENERAL INFORMATION:
/ APPLICANT: Krieg, Arthur M.
/ APPLICANT: Schetter, Christian
/ APPLICANT: Vollmer, Jorg
/ TITLE OF INVENTION: Immunostimulatory Nucleic Acids
/ FILE REFERENCE: C1039/7035 (HCL/MAT)
/ CURRENT APPLICATION NUMBER: US/10/314,578
/ CURRENT FILING DATE: 2002-12-09
/ PRIOR APPLICATION NUMBER: US 60/156,113
/ PRIOR FILING DATE: 1999-09-25
/ PRIOR APPLICATION NUMBER: US 60/156,135
/ PRIOR FILING DATE: 1999-09-27
/ PRIOR APPLICATION NUMBER: US 60/227,436
/ PRIOR FILING DATE: 2000-08-23
/ NUMBER OF SEQ ID NOS: 1145
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 961
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-10-314-578-961
```

```
Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATTCAGAAAAAGAAAA 5415
           |||||
DB       24 AAAAAATTCAGAAAAAGAAAA 2
```

```
RESULT 213
US-10-314-578-962
/ Sequence 962, Application US/10314578
/ Publication No. US20030212026A1
/ GENERAL INFORMATION:
/ APPLICANT: Krieg, Arthur M.
/ APPLICANT: Schetter, Christian
/ APPLICANT: Vollmer, Jorg
/ TITLE OF INVENTION: Immunostimulatory Nucleic Acids
/ FILE REFERENCE: C1039/7035 (HCL/MAT)
/ CURRENT APPLICATION NUMBER: US/10/314,578
/ CURRENT FILING DATE: 2002-12-09
/ PRIOR APPLICATION NUMBER: US 60/156,113
/ PRIOR FILING DATE: 1999-09-25
/ PRIOR APPLICATION NUMBER: US 60/156,135
/ PRIOR FILING DATE: 1999-09-27
/ PRIOR APPLICATION NUMBER: US 60/227,436
/ PRIOR FILING DATE: 2000-08-23
/ NUMBER OF SEQ ID NOS: 1145
/ SOFTWARE: FastSeq for Windows Version 3.0
```

/ SEQ ID NO 962
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-10-314-578-962

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATGCAAAAAAGAAAAA 5415
|||||
Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 214
US-10-309-775A-19/c
/ Sequence 19, Application US/10309775A
/ Publication No. US20040006032A1
/ GENERAL INFORMATION:
/ APPLICANT: LOPEZ, Ricardo A.
/ TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
/ FILE REFERENCE: 2901/0M327
/ CURRENT APPLICATION NUMBER: US/10/309,775A
/ CURRENT FILING DATE: 2002-12-04
/ PRIOR APPLICATION NUMBER: CA 2,388,049
/ PRIOR FILING DATE: 2002-05-30
/ NUMBER OF SEQ ID NOS: 74
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 19
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: PCR primer
US-10-309-775A-19

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATGCAAAAAAGAAAAA 5415
|||||
Db 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 215
US-10-309-775A-24/c
/ Sequence 24, Application US/10309775A
/ Publication No. US20040006032A1
/ GENERAL INFORMATION:
/ APPLICANT: LOPEZ, Ricardo A.
/ TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
/ FILE REFERENCE: 2901/0M327
/ CURRENT APPLICATION NUMBER: US/10/309,775A
/ CURRENT FILING DATE: 2002-12-04
/ PRIOR APPLICATION NUMBER: CA 2,388,049
/ PRIOR FILING DATE: 2002-05-30
/ NUMBER OF SEQ ID NOS: 74
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 24
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: PCR primer
US-10-309-775A-24

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5403 AAAAAAGAAAAATGAAAAATAA 5425
|||||
Db 23 AAAAAAACAATAATGAAAAAAA 1

RESULT 216
US-10-360-511-14/c
/ Sequence 14, Application US/10360511
/ Publication No. US20040014078A1
/ GENERAL INFORMATION:
/ APPLICANT: XIA, JAMES
/ APPLICANT: BRUSH, CHARLES
/ APPLICANT: GUPTA, VINSET
/ APPLICANT: HUANG, HESHU
/ APPLICANT: LI, CHANGMING
/ APPLICANT: MARACAS, GEORGE
/ APPLICANT: MARRERO, ROBERT
/ APPLICANT: RAY, MELISSA
/ APPLICANT: SUN, LEI
/ APPLICANT: ZHANG, PEIYING
/ TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR ROLLING CIRCLE AMPLIFICATION
/ FILE REFERENCE: PU0290
/ CURRENT APPLICATION NUMBER: US/10/360,511
/ CURRENT FILING DATE: 2003-02-06
/ PRIOR APPLICATION NUMBER: 60/355,374
/ PRIOR FILING DATE: 2002-02-06
/ NUMBER OF SEQ ID NOS: 18
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 14
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-360-511-14

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATGCAAAAAAGAAAAA 5415
|||||
Db 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 217
US-10-058-270A-140/c
/ Sequence 140, Application US/10058270A
/ Publication No. US20040029114A1
/ GENERAL INFORMATION:
/ APPLICANT: Mack, David H.
/ APPLICANT: Gish, Kurt C.
/ APPLICANT: Afari, Daniel
/ TITLE OF INVENTION: Methods of Diagnosis of Breast Cancer, Compositions and Methods of Screening for Modulators of Breast Cancer
/ FILE REFERENCE: 018501-005210US
/ CURRENT APPLICATION NUMBER: US/10/058,270A
/ CURRENT FILING DATE: 2002-01-24
/ PRIOR APPLICATION NUMBER: US 60/263,965
/ PRIOR FILING DATE: 2001-01-24
/ PRIOR APPLICATION NUMBER: US 60/265,928
/ PRIOR FILING DATE: 2001-02-02
/ PRIOR APPLICATION NUMBER: US 09/829,472
/ PRIOR FILING DATE: 2001-04-09
/ PRIOR APPLICATION NUMBER: US 60/282,698
/ PRIOR FILING DATE: 2001-04-09
/ PRIOR APPLICATION NUMBER: US 60/288,590
/ PRIOR FILING DATE: 2001-05-04
/ PRIOR APPLICATION NUMBER: US 60/294,443
/ PRIOR FILING DATE: 2001-05-29

```
/ NUMBER OF SEQ ID NOS: 141
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 140
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: T7-T24 oligo
/ NAME/KEY: modified base
/ LOCATION: (8) - (24)
/ OTHER INFORMATION: c at positions 8-24 may be present or absent
US-10-058-270A-140
```

```
Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAAATACAAAAAGAAAAA 5415
DB 24 AAAAAAAAAAAAAAAAAAAAAA 2
```

```
RESULT 218
US-10-671-628-10/c
/ Sequence 10, Application US/10671628
/ Publication No. US20040068105A1
/ GENERAL INFORMATION:
/ APPLICANT: ITO, Kikukatsu
/ TITLE OF INVENTION: Plant Thermogenic Genes and Proteins
/ FILE REFERENCE: 2003-1386A/WMC/00653
/ CURRENT FILING DATE: 2003-09-29
/ PRIOR APPLICATION NUMBER: US/10/671,628
/ PRIOR FILING DATE: 2002-01-23
/ PRIOR APPLICATION NUMBER: PCT/JP00/03806
/ PRIOR FILING DATE: 2000-06-12
/ PRIOR APPLICATION NUMBER: JP1-167439
/ PRIOR FILING DATE: 1999-06-14
/ NUMBER OF SEQ ID NOS: 12
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 10
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: CDNA Primer
US-10-671-628-10
```

```
Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAAATACAAAAAGAAAAA 5415
DB 24 AAAAAAAAAAAAAAAAAAAAAA 2
```

```
RESULT 219
US-10-062-188-106/c
/ Sequence 106, Application US/10062188
/ Publication No. US20040096826A1
/ GENERAL INFORMATION:
/ APPLICANT: Evans, Glen A.
/ TITLE OF INVENTION: Methods For Creating Recombination
/ TITLE OF INVENTION: Products Between Nucleotide Sequences
/ FILE REFERENCE: P-EA 5008
/ CURRENT APPLICATION NUMBER: US/10/062,188
/ CURRENT FILING DATE: 2001-01-31
/ NUMBER OF SEQ ID NOS: 231
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 106
/ LENGTH: 24
```

```
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: synthetic construct
US-10-062-188-106
```

```
Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAAATACAAAAAGAAAAA 5415
DB 24 AAAAAAAAAAAAAAAAAAAAAA 2
```

```
RESULT 220
US-10-374-307-13
/ Sequence 13, Application US/10374307
/ Publication No. US20040170984A1
/ GENERAL INFORMATION:
/ APPLICANT: Leproust, Eric M.
/ APPLICANT: Amorese, Douglas A.
/ APPLICANT: Kronick, Mel N.
/ TITLE OF INVENTION: METHODS AND DEVICES FOR DETECTING
/ TITLE OF INVENTION: PRINTEAD MISALIGNMENT OF AN IN SITU POLYMERIC ARRAY
/ FILE REFERENCE: AGIL-078
/ CURRENT APPLICATION NUMBER: US/10/374,307
/ CURRENT FILING DATE: 2003-02-25
/ NUMBER OF SEQ ID NOS: 21
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 13
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Homo sapien
US-10-374-307-13
```

```
Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAAATACAAAAAGAAAAA 5415
DB 1 AAAAAAAAAAAAAAAAAAAAAA 23
```

```
RESULT 221
US-10-374-307-16/c
/ Sequence 16, Application US/10374307
/ Publication No. US20040170984A1
/ GENERAL INFORMATION:
/ APPLICANT: Leproust, Eric M.
/ APPLICANT: Amorese, Douglas A.
/ APPLICANT: Kronick, Mel N.
/ TITLE OF INVENTION: METHODS AND DEVICES FOR DETECTING
/ TITLE OF INVENTION: PRINTEAD MISALIGNMENT OF AN IN SITU POLYMERIC ARRAY
/ FILE REFERENCE: AGIL-078
/ CURRENT APPLICATION NUMBER: US/10/374,307
/ CURRENT FILING DATE: 2003-02-25
/ NUMBER OF SEQ ID NOS: 21
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 16
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Homo sapien
US-10-374-307-16
```

```
Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAAATACAAAAAGAAAAA 5415
```

Db 24 AAAAAAAAAAAAAAAAAAAAAAAAAA 2

```

RESULT 222
US-09-282-734-23/c
Sequence 23, Application US/09282734A
Publication NO. US2002018557A1
GENERAL INFORMATION:
APPLICANT: Robert G. Kuttelweis et al.
TITLE OF INVENTION: ADDRESSABLE PROTEIN ARRAYS
FILE REFERENCE: 50036/009002
CURRENT APPLICATION NUMBER: US/09/282,734A
CURRENT FILING DATE: 1999-03-03
EARLIER APPLICATION NUMBER: 60/080,686
EARLIER FILING DATE: 1998-04-03
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 23
LENGTH: 25
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
US-09-282-734-23.
OTHER INFORMATION: Capture probe sequence

```

Query Match	0.3%	Score 18.2;	DB 1;	Length 25;
Best Local Similarity	87.0%;	Pred. No. 2.7e+02;		
Matches 20;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0

```

Oy      5393 AAAAAAAAAATACAAAAAAAAAGAAAAAA 5415
          |||||  |||||  |||||  |||||
Db      25  AAAAAAAAAAAAAAAAAAAAAAAAAA 3

```

```

RESULT 223
US-09-730-478A-8/c
/ Sequence 8, Application US/09730478A
/ Publication No. US20040172685A1
/ GENERAL INFORMATION:
/ APPLICANT: MUNDY, JOHN
/ APPLICANT: JENSEN, ANDERS BOEGH
/ APPLICANT: PETERSEN, MORTEN
/ APPLICANT: NAESTVED, HENRIK
/ APPLICANT: BRODERSEN, PETER
/ TITLE OF INVENTION: METHOD OF USING ARABIDOPSIS MAPK4 AND ORTHOLOGUES THEREOF TO
/ TITLE OF INVENTION: CONTROL PLANT DISEASE AND PLANT SIZE
/ FILE REFERENCE: 030307/0193
/ CURRENT APPLICATION NUMBER: US/09/730,478A
/ CURRENT FILING DATE: 2000-12-06
/ PRIOR APPLICATION NUMBER: PCT/DK00/00674
/ PRIOR FILING DATE: 2000-12-06
/ PRIOR APPLICATION NUMBER: PA 1999 01746
/ PRIOR FILING DATE: 1999-12-06
/ PRIOR APPLICATION NUMBER: 60/169,614
/ PRIOR FILING DATE: 1999-12-08
/ NUMBER OF SEQ ID NOS: 8
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 8
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURES:
/ OTHER INFORMATION: Synthetic oligonucleotide
US-09-730-478A-8

```

	Query Match Similarity	0.3%	Score 18.2;	DB 1;	Length 25;
Best Local Similarity	87.0%;	Pred. No. 2.7e+02;			
Matches	20;	Conservative	0;	Mismatches 3;	Indels 0; Gaps 0
Oy	5393	AAAAAAAAATGACAAAAAGAAAAA	5415		
db	25	AAAAAAAAAAAAAAAAAAAAAAAAAAA	3		

QY	5393	AAAAAATACAAAAAGAAAAA	5415
Db	25	AAAAAAAAAAAAAAAAAAAAA	3

RESULT 224
US-10-060-756A-219
; Sequence 219, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:

Query Match	0.3%	Score 18.2;	DB 1;	length 25;
Best Local Similarity	87.0%	Pred. No. 2.7e+02;		
Matches 20; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0

QY 772 GCCCAAGCCCAAGGAGGGGCGAGG 794
 |||||
 Db 2 GCCCAAGCCCAAGGCGGGGCGGG 24

```

RESULT 225
US-10-060-756a-2120
# Sequence 2120, Application US/10060756A
# Publication No. US20030046717A1
# GENERAL INFORMATION:
# APPLICANT: Zhang, Jian
# TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
# FILE REFERENCE: PB0177
# CURRENT APPLICATION NUMBER: US/10/060,756A
# CURRENT FILING DATE: 2002-01-30
# PRIOR APPLICATION NUMBER: PCT/US01/00667
# PRIOR FILING DATE: 2001-01-30
# PRIOR APPLICATION NUMBER: PCT/US01/00664
# PRIOR FILING DATE: 2001-01-30
# PRIOR APPLICATION NUMBER: PCT/US01/00669
# PRIOR FILING DATE: 2001-01-30
# PRIOR APPLICATION NUMBER: PCT/US01/00665
# PRIOR FILING DATE: 2001-01-30
# PRIOR APPLICATION NUMBER: PCT/US01/00668
# PRIOR FILING DATE: 2001-01-30
# PRIOR APPLICATION NUMBER: PCT/US01/00663
# PRIOR FILING DATE: 2001-01-30
# PRIOR APPLICATION NUMBER: US 09/864,761
# PRIOR FILING DATE: 2001-05-23
# PRIOR APPLICATION NUMBER: US 60/327,898
# PRIOR FILING DATE: 2001-10-09
# NUMBER OF SEQ ID NOS: 4804
# SOFTWARE: Aecmica Sequence Listing Engine

```

SEQ ID NO 2120
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-10-060-756A-2120

Query Match 0.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 772 GCCCAAGCCGAGGAGGCGCAG 794
DB 1 GCCCAAGCCGAGGCGGCGCG 23

RESULT 226
US-10-098-263B-128639
Sequence 128639, Application US/10098263B
Publication No. US20030104410A1
GENERAL INFORMATION:
APPLICANT: Miltman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 128639
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-10-098-263B-128639

Query Match 0.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3444 GGAGCAGAGGAGAACTCAGCTCG 3466
DB 3 GGAGCAGAGGAGATCTCAGCTAC 25

RESULT 227
US-10-348-627-23/C
Sequence 23, Application US/10348627
Publication No. US20030143616A1
GENERAL INFORMATION:
APPLICANT: Robert G. Kuimelis et al.
TITLE OF INVENTION: ADDRESSABLE PROTEIN ARRAYS
FILE REFERENCE: 50036/009002
CURRENT APPLICATION NUMBER: US/10/348,627
CURRENT FILING DATE: 2003-01-22
PRIOR APPLICATION NUMBER: US/09/282,734A
PRIOR FILING DATE: 1999-03-03
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/080,686
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-03
NUMBER OF SEQ ID NOS: 29
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 23
LENGTH: 25
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Capture probe sequence
US-10-348-627-23

Query Match 0.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAAAAA 5415

DB 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 228
US-10-224-289-11/C
Sequence 11, Application US/10224289
Publication No. US20030207288A1
GENERAL INFORMATION:
APPLICANT: LEWIN, DAVID A.
APPLICANT: STEWART, TIMOTHY A.
TITLE OF INVENTION: GPCR-LIKE RETINOIC ACID-INDUCED GENE 1 PROTEIN AND
FILE REFERENCE: 9800081-0085
CURRENT APPLICATION NUMBER: US/10/224,289
CURRENT FILING DATE: 2002-08-20
PRIOR APPLICATION NUMBER: 60/313,940
PRIOR FILING DATE: 2001-08-20
NUMBER OF SEQ ID NOS: 20
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 11
LENGTH: 25
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-224-289-11

Query Match 0.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAAAAA 5415
DB 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 229
US-10-239-655A-9/C
Sequence 9, Application US/10239655A
Publication No. US20040048616A1
GENERAL INFORMATION:
APPLICANT: ZOHLEHNER, DIETLIND
APPLICANT: BAUERLE, PATRICK
APPLICANT: KLEIN, CHRISTOPH
APPLICANT: NEUMANN, FRANZ-JOSEF
TITLE OF INVENTION: RESTENOSIS TREATMENT
FILE REFERENCE: 029976/0103
CURRENT APPLICATION NUMBER: US/10/239,655A
CURRENT FILING DATE: 2003-02-02
PRIOR APPLICATION NUMBER: PCT/EP01/03312
PRIOR FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: EP 00106468.2
PRIOR FILING DATE: 2000-03-24
NUMBER OF SEQ ID NOS: 24
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 9
LENGTH: 25
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-239-655A-9

Query Match 0.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAAAAA 5415
DB 25 AAAAAAAAAAAAAAAAAAAAAA 3


```
RESULT 230
US-09-099-823-14/c
; Sequence 14, Application US/09099823
; Patent No. US2002001890A1
; GENERAL INFORMATION:
; APPLICANT: BILLING-MEDEL, PATRICIA
; APPLICANT: COHEN, MAURICE
; APPLICANT: COLPITS, TRACEY L.
; APPLICANT: FRIEDMAN, PATIA N.
; APPLICANT: GORDON, JULIAN
; APPLICANT: GRANADOS, EDWARD N.
; APPLICANT: HODGES, STEVEN C.
; APPLICANT: KASS, MICHAEL R.
; APPLICANT: KARATCHEVIL, JON D.
; APPLICANT: RUSSELL, JOHN C.
; APPLICANT: SCHEFFEL, CHRISTI
; APPLICANT: STROUPE, STEPHEN D.
; APPLICANT: YU, HONG
; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
; TITLE OF INVENTION: FOR DETECTING DISEASES OF THE BREAST
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: 100 Abbott Park Road
; CITY: Abbott Park
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/099,823
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/879,354
; FILING DATE: 20-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Becker, Cheryl L.
; REGISTRATION NUMBER: 35,441
; REFERENCE/DOCKET NUMBER: 6120.US.P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 847/935-1729
; TELEFAX: 847/938-2623
; TELEX:
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-099-823-14

Query Match      0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 2.8e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATCAAAAAAGAAAAA 5415
Db 25 AAAAAAAAAAAAAAAAAAAAAA 3
```

```
RESULT 231
US-09-923-246-39/c
; Sequence 39, Application US/09923246
; Patent No. US20020128446A1
; GENERAL INFORMATION:
; APPLICANT: No. US20020128446A1ak, Julia E.
; APPLICANT: Prensell, Scott R.
```

```
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Groves, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHAL LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/09/923,246
; PRIOR FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/522,217
; PRIOR FILING DATE: EARLIER FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 39
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764b
; US-09-923-246-39

Query Match      0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 2.8e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATCAAAAAAGAAAAA 5415
Db 25 AAAAAAAAAAAAAAAAAAAAAA 3
```

```
RESULT 232
US-09-920-342-3/c
; Sequence 3, Application US/09920342
; Patent No. US20020137709A1
; GENERAL INFORMATION:
; APPLICANT: University of Southern California
; APPLICANT: Lin, Shi-Liang
; APPLICANT: Chung, Cheng-Ming
; APPLICANT: Widelitz, Randall B.
; TITLE OF INVENTION: GENE SILENCING USING MENA-CDNA HYBRIDS
; FILE REFERENCE: 13761-7024
; CURRENT APPLICATION NUMBER: US/09/920,342
; CURRENT FILING DATE: 2002-01-17
; PRIOR FILING DATE: 2000-08-02
; PRIOR APPLICATION NUMBER: US 60/222,479
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Poly(dT)-26mer primer
; US-09-920-342-3
```

```
Query Match      0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 2.8e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATCAAAAAAGAAAAA 5415
Db 26 AAAAAAAAAAAAAAAAAAAAAA 4
```

```
RESULT 233
US-09-092-296-10/c
```

```
/ Sequence 10, Application US/09092296
/ Publication No. US2002018114A1
/ GENERAL INFORMATION:
/ APPLICANT: BILLING-MEDEL, PATRICIA
/ APPLICANT: COHEN, MAURICE
/ APPLICANT: COLPITTS, TRACY L.
/ APPLICANT: FRIEDMAN, PAULA N.
/ APPLICANT: KLAAS, MICHAEL R.
/ APPLICANT: RUSSELL, JOHN C.
/ APPLICANT: STROUPE, STEPHEN D.
/ TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
/ TITLE OF INVENTION: FOR DETECTING DISEASES OF THE LUNG
/ NUMBER OF SEQUENCES: 20
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Abbott Laboratories
/ STREET: 100 Abbott Park Road
/ CITY: Abbott Park
/ STATE: IL
/ COUNTRY: USA
/ ZIP: 60064-3500
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
/ SOFTWARE: FastSeq for Windows Version 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/092,296
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/048,810
/ FILING DATE: 05-JUN-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Becker, Cheryl L.
/ REGISTRATION NUMBER: 35,441
/ REFERENCE/DOCKET NUMBER: 6104.US.01
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 847/935-1729
/ TELEFAX: 847/938-2623
/ TELEX:
/ INFORMATION FOR SEQ ID NO: 10:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 26 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
/ US-09-092-296-10
/
/ Query Match 0.3%; Score 18.2; DB 1; Length 26;
/ Best Local Similarity 87.0%; Pred. No. 2.8e+02;
/ Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
/
/ QY 5393 AAAAAATACAAAAAGAAAAA 5415
/ Db 25 AAAAAAAAAAAAAAAAAAAAAA 3
/
/ RESULT 234
/ US-09-943-305B-4/c
/ Sequence 4, Application US/09949305B
/ Publication No. US20030022318A1
/ GENERAL INFORMATION:
/ APPLICANT: Lin, Shi-Lung
/ APPLICANT: Ying, Shao-Yao
/ TITLE OF INVENTION: Method for Thermocycling Amplification of Nucleic Acid Sequences
/ TITLE OF INVENTION: Generation of Related Peptides Thereof
/ FILE REFERENCE: 266/014
/ CURRENT APPLICATION NUMBER: US/09/949,305B
/ CURRENT FILING DATE: 2001-09-07
/ PRIOR APPLICATION NUMBER: 09/494,212
/ PRIOR FILING DATE: 2000-01-25
/ NUMBER OF SEQ ID NOS: 12
/ SOFTWARE: PatentIn version 3.1
```

```
/ SEQ ID NO 4
/ LENGTH: 26
/ TYPE: DNA
/ ORGANISM: artificial sequence
/ FEATURE:
/ OTHER INFORMATION: poly(dT) primer
/
/ US-09-949-305B-4
/
/ Query Match 0.3%; Score 18.2; DB 1; Length 26;
/ Best Local Similarity 87.0%; Pred. No. 2.8e+02;
/ Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
/
/ QY 5393 AAAAAATACAAAAAGAAAAA 5415
/ Db 26 AAAAAAAAAAAAAAAAAAAAAA 4
/
/ RESULT 235
/ US-10-053-883-53/c
/ Sequence 53, Application US/10053883
/ Publication No. US20030113737A1
/ GENERAL INFORMATION:
/ APPLICANT: PEDERSEN, Morten Lorentz
/ TITLE OF INVENTION: ASSAY AND KIT FOR ANALYZING GENE EXPRESSION
/ FILE REFERENCE: PEDERSEN-1A
/ CURRENT APPLICATION NUMBER: US/10/053,883
/ CURRENT FILING DATE: 2002-01-02
/ PRIOR APPLICATION NUMBER: PA 2001 00126
/ PRIOR FILING DATE: 2001-01-24
/ PRIOR APPLICATION NUMBER: US 60/267,704
/ PRIOR FILING DATE: 2001-02-12
/ NUMBER OF SEQ ID NOS: 148
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 53
/ LENGTH: 26
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: synthetic
/
/ US-10-053-883-53
/
/ Query Match 0.3%; Score 18.2; DB 1; Length 26;
/ Best Local Similarity 87.0%; Pred. No. 2.8e+02;
/ Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
/
/ QY 5393 AAAAAATACAAAAAGAAAAA 5415
/ Db 26 AAAAAAAAAAAAAAAAAAAAAA 4
/
/ RESULT 236
/ US-10-295-723-39/c
/ Sequence 39, Application US/10295723
/ Publication No. US20030125524A1
/ GENERAL INFORMATION:
/ APPLICANT: No. US20030125524A1ak, Julia E.
/ APPLICANT: Presnell, Scott R.
/ APPLICANT: Sprecher, Cindy A.
/ APPLICANT: Foster, Donald C.
/ APPLICANT: Holly, Richard D.
/ APPLICANT: Gross, Jane A.
/ APPLICANT: Johnston, Janet V.
/ APPLICANT: Nelson, Andrew J.
/ APPLICANT: Dillon, Stacey R.
/ APPLICANT: Hammond, Angela K.
/ TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
/ FILE REFERENCE: 99-16
/ CURRENT APPLICATION NUMBER: US/10/295,723
/ CURRENT FILING DATE: 2002-11-15
/ PRIOR APPLICATION NUMBER: 09/522,217
/ PRIOR FILING DATE: 2000-03-09
/ PRIOR APPLICATION NUMBER: US 60/123,547
/ PRIOR FILING DATE: 1999-03-09
```

```
/ PRIOR APPLICATION NUMBER: US 60/123,904
/ PRIOR FILING DATE: 1999-03-11
/ PRIOR APPLICATION NUMBER: US 60/142,013
/ PRIOR FILING DATE: 1999-07-01
/ NUMBER OF SEQ ID NOS: 115
/ SOFTWARE: FaastSeq for Windows Version 3.0
/ SEQ ID NO 39
/ LENGTH: 26
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide primer ZC7764b
US-10-295-723-39

Query Match          0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 2.8e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAA 5415
DB 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 237
US-10-659-684-39/c
/ Sequence 39, Application US/10659684
/ Publication No. US20040110932A1
/ GENERAL INFORMATION:
/ APPLICANT: Novak, Julia E.
/ APPLICANT: Presnell, Scott R.
/ APPLICANT: Sprecher, Cindy A.
/ APPLICANT: Foster, Donald C.
/ APPLICANT: Holly, Richard D.
/ APPLICANT: Gross, Jane A.
/ APPLICANT: Johnston, Janet V.
/ APPLICANT: Nelson, Andrew J.
/ APPLICANT: Dillon, Stacey R.
/ APPLICANT: Hammond, Angela K.
/ TITLE OF INVENTION: NOVEL CYTOKINE ZALPHAN1 LIGAND
/ FILE REFERENCE: 99-16
/ CURRENT APPLICATION NUMBER: US/10/659,684
/ CURRENT FILING DATE: 2003-09-10
/ PRIOR APPLICATION NUMBER: US/09/522,217
/ PRIOR FILING DATE: 2000-03-09
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,547
/ PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-09
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904
/ PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013
/ PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
/ NUMBER OF SEQ ID NOS: 115
/ SOFTWARE: FaastSeq for Windows Version 3.0
/ SEQ ID NO 39
/ LENGTH: 26
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide primer ZC7764b
US-10-659-684-39

Query Match          0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 2.8e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
/ GENERAL INFORMATION:
/ APPLICANT: Lex M. Cowbert
/ APPLICANT: Kenneth W. Doble
/ TITLE OF INVENTION: ANTISENSE MODULATION OF LIM DOMAIN KINASE 1 EXPRESSION
/ FILE REFERENCE: RTS-0375
/ CURRENT APPLICATION NUMBER: US/10/199,199
/ CURRENT FILING DATE: 2002-07-18
/ NUMBER OF SEQ ID NOS: 148
/ SEQ ID NO 70
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-199-199-70

Query Match          0.3%; Score 18; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2643 GCAGCTGCTGCTGCAGCC 2660
DB 1 GCAGCTGCTGCTGCAGCC 18

RESULT 239
US-10-199-199-135/c
/ Sequence 135, Application US/10199199
/ Publication No. US20040014047A1
/ GENERAL INFORMATION:
/ APPLICANT: Lex M. Cowbert
/ APPLICANT: Kenneth W. Doble
/ TITLE OF INVENTION: ANTISENSE MODULATION OF LIM DOMAIN KINASE 1 EXPRESSION
/ FILE REFERENCE: RTS-0375
/ CURRENT APPLICATION NUMBER: US/10/199,199
/ CURRENT FILING DATE: 2002-07-18
/ NUMBER OF SEQ ID NOS: 148
/ SEQ ID NO 135
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: H. sapiens
/ FEATURE:
/ OTHER INFORMATION:
US-10-199-199-135

Query Match          0.3%; Score 18; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2643 GCAGCTGCTGCTGCAGCC 2660
DB 20 GCAGCTGCTGCTGCAGCC 3

RESULT 240
US-10-184-085A-865/c
/ Sequence 865, Application US/10184085A
/ Publication No. US20030152950A1
/ GENERAL INFORMATION:
/ APPLICANT: Garner, Harold R.
/ APPLICANT: Mima, John D.
/ APPLICANT: Luebke, Kevin, J.
/ APPLICANT: Balog, Robert P.
/ TITLE OF INVENTION: Identification of Chemically Modified Polymers
/ FILE REFERENCE: 119929-1035
/ CURRENT APPLICATION NUMBER: US/10/184,085A
/ CURRENT FILING DATE: 2002-10-01
/ PRIOR APPLICATION NUMBER: US 60/301,370
/ PRIOR FILING DATE: 2001-06-27
/ NUMBER OF SEQ ID NOS: 1291
/ SOFTWARE: FaastSeq for Windows Version 4.0
/ SEQ ID NO 865
/ LENGTH: 21
/ TYPE: DNA
```

```
/ ORGANISM: Homo sapiens
US-10-184-085A-865

Query Match
Best Local Similarity 100.0%; Score 18; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2436 GGATGAGAGAGGAGAGAGG 2453
      |||||
Db      19 GGATGAGAGAGGAGAGAGG 2

RESULT 241
US-09-263-959-807/c
; Sequence 807, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcmasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 807:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-807

Query Match      0.3%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 2.9e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1180 AGAGAAAGAGAGAGAGAAA 1200
      |||||
Db      21 AGAGAGAGAGAGAGAGAGA 1

RESULT 242
US-10-085-906-141/c
; Sequence 141, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Yang, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
; FILE REFERENCE: GNN-5343CP2
```

```
/ CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 141
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-141

Query Match      0.3%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 2.9e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1180 AGAGAAAGAGAGAGAGAAA 1200
      |||||
Db      21 AGAGAGAGAGAGAGAGAGA 1

RESULT 243
US-10-629-951-16
; Sequence 16, Application US/10629951
; Publication No. US20040018550A1
; GENERAL INFORMATION:
; APPLICANT: Bellacosa, Alfonso
; TITLE OF INVENTION: Methods for Detection of Transition
; TITLE OF INVENTION: Single-Nucleotide Polymorphisms
; FILE REFERENCE: FCCC 96-21
; CURRENT APPLICATION NUMBER: US/10/629,951
; CURRENT FILING DATE: 2003-07-29
; PRIOR APPLICATION NUMBER: US/09/629,222A
; PRIOR FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: 09/463,891
; PRIOR FILING DATE: 2000-01-28
; PRIOR APPLICATION NUMBER: PCT/US98/15828
; PRIOR FILING DATE: 1998-07-28
; PRIOR APPLICATION NUMBER: 60/053,936
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 16
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-629-951-16

Query Match      0.3%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 2.9e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1415 GAAGCTGCGCTGATTATGTGG 1435
      |||||
Db      1 GAAGCTGACCTGATTATGTGG 21

RESULT 244
US-09-776-908/c
; Sequence 908, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
```

```
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 908
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-908

Query Match          0.3%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAGAGAA 1200
DB      22 AGAGAGAGAGAGAGAGAGAGA 2

RESULT 245
US-09-776-479-908/c
; Sequence 908, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Pouyon, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 908
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-908

Query Match          0.3%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAGAGAA 1200
DB      22 AGAGAGAGAGAGAGAGAGAGA 2

RESULT 246
US-10-112-653-877/c
; Sequence 877, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Kriegl, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
```

```
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 877
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-877

Query Match          0.3%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAGAGAA 1200
DB      22 AGAGAGAGAGAGAGAGAGAGA 2

RESULT 247
US-10-017-995-908/c
; Sequence 908, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 908
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-908

Query Match          0.3%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAGAGAA 1200
DB      22 AGAGAGAGAGAGAGAGAGAGA 2

RESULT 248
US-10-314-578-908/c
; Sequence 908, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Kriegl, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 908
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-10-314-578-908

Query Match          0.3%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAGAAA 1200
      ||||| ||||| ||||| |||||
Db      22 AGAGAGAGAGAGAGAGAGAGA 2

RESULT 249
US-10-188-248-176/c
/ Sequence 176, Application US/10188248
/ Publication No. US20040029790A1
/ GENERAL INFORMATION:
/ APPLICANT: Patturajan, Meera
/ APPLICANT: Gerlach, Valerie
/ APPLICANT: Anderson, David W.
/ APPLICANT: Taupier Jr., Raymond J.
/ APPLICANT: Zernhusen, Bryan D.
/ APPLICANT: Guo, Xiaojia Sasha
/ APPLICANT: Casman, Stacie J.
/ APPLICANT: Hjal, Tord
/ APPLICANT: Miller, Charles E.
/ APPLICANT: Shinkets, Richard A.
/ APPLICANT: Malyankar, Uriel M.
/ APPLICANT: Zhong, Mei
/ APPLICANT: Padigaru, Muralidhara
/ APPLICANT: Li, Li
/ APPLICANT: Shenoy, Suresh G.
/ APPLICANT: Gorman, Linda
/ APPLICANT: Edinger, Shlomit R.
/ TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS C
/ FILE REFERENCE: 21402-297D
/ CURRENT FILING DATE: 2002-07-02
/ PRIOR APPLICATION NUMBER: US/10/188,248
/ PRIOR FILING DATE: 2001-07-05
/ PRIOR APPLICATION NUMBER: 60/303,046
/ PRIOR FILING DATE: 2001-07-09
/ PRIOR APPLICATION NUMBER: 60/303,828
/ PRIOR FILING DATE: 2001-07-11
/ PRIOR APPLICATION NUMBER: 60/304,502
/ PRIOR FILING DATE: 2002-02-22
/ PRIOR APPLICATION NUMBER: 60/358,932
/ PRIOR FILING DATE: 2001-07-11
/ PRIOR APPLICATION NUMBER: 60/305,011
/ PRIOR FILING DATE: 2001-07-12
/ PRIOR APPLICATION NUMBER: 60/305,262
/ PRIOR FILING DATE: 2001-07-13
/ PRIOR APPLICATION NUMBER: 60/307,536
/ PRIOR FILING DATE: 2001-07-24
/ PRIOR APPLICATION NUMBER: 60/306,085
/ PRIOR FILING DATE: 2001-07-17
/ PRIOR APPLICATION NUMBER: 60/308,228
/ PRIOR FILING DATE: 2001-07-27
/ PRIOR APPLICATION NUMBER: 60/323,449
/ PRIOR FILING DATE: 2001-09-19
/ Remaining Prior Application data removed - See file wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 234
/ SOFTWARE: CuroSeqList version 0.1
/ SEQ ID NO 176
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-188-248-176

Query Match          0.3%; Score 17.8; DB 1; Length 22;
```

```
Best Local Similarity 90.5%; Pred. No. 3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3682 GTGAACTCTTGTGGTGCTCT 3702
      ||||| ||||| ||||| |||||
Db      21 GTGGACTCTCTGTGGTGCTCT 1

RESULT 250
US-10-766-590-4
/ Sequence 4, Application US/10766590
/ Publication No. US20040180370A1
/ GENERAL INFORMATION:
/ APPLICANT: Tabakoff, Boris
/ APPLICANT: Martinez, Larry
/ APPLICANT: Hoffman, Paula
/ TITLE OF INVENTION: Genetic Diagnosis of Alcoholic Subtypes
/ FILE REFERENCE: UTC-08617
/ CURRENT APPLICATION NUMBER: US/10/766,590
/ CURRENT FILING DATE: 2004-01-27
/ PRIOR APPLICATION NUMBER: 60/443,072
/ PRIOR FILING DATE: 2003-01-27
/ NUMBER OF SEQ ID NOS: 20
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 4
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-766-590-4

Query Match          0.3%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAGAAA 1200
      ||||| ||||| ||||| |||||
Db      2  AGAGAGAGAGAGAGAGAGAGA 22

RESULT 251
US-10-374-307-8
/ Sequence 8, Application US/10374307
/ Publication No. US20040170984A1
/ GENERAL INFORMATION:
/ APPLICANT: Leproust, Eric M.
/ APPLICANT: Amorese, Douglas A.
/ APPLICANT: Kronick, Mel N.
/ TITLE OF INVENTION: METHODS AND DEVICES FOR DETECTING
/ TITLE OF INVENTION: PRINTERHEAD MISALIGNMENT OF AN IN SITU POLYMERIC ARRAY
/ FILE REFERENCE: AGIL-078
/ CURRENT APPLICATION NUMBER: US/10/374,307
/ CURRENT FILING DATE: 2003-02-25
/ NUMBER OF SEQ ID NOS: 21
/ SOFTWARE: FaestSeq for Windows Version 4.0
/ SEQ ID NO 8
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Homo sapien
US-10-374-307-8

Query Match          0.3%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 3.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAGAAA 1200
      ||||| ||||| ||||| |||||
Db      1  AGAGAGAGAGAGAGAGAGAGA 21

RESULT 252
US-10-374-307-11/c
/ Sequence 11, Application US/10374307
```

```
/ Publication No. US20040170984A1
/ GENERAL INFORMATION:
/ APPLICANT: Leproust, Eric M.
/ APPLICANT: Amoresse, Douglas A.
/ APPLICANT: Kronick, Mel N.
/ TITLE OF INVENTION: METHODS AND DEVICES FOR DETECTING
/ TITLE OF INVENTION: PRINTHEAD MISALIGNMENT OF AN IN SITU POLYMERIC ARRAY
/ FILE REFERENCE: AGIL-078
/ CURRENT APPLICATION NUMBER: US/10/374,307
/ CURRENT FILING DATE: 2003-02-25
/ NUMBER OF SEQ ID NOS: 21
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 11
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Homo sapien
/ US-10-374-307-11

Query Match
Best Local Similarity 0.3%; Score 17.8; DB 1; Length 24;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAGAA 1200
Db 24 AGAGAGAGAGAGAGAGAGAGA 4

RESULT 253
US-10-215-112-10652/c
/ Sequence 10652, Application US/10215112
/ Publication No. US20030082596A1
/ GENERAL INFORMATION:
/ APPLICANT: Michael Miltmann
/ TITLE OF INVENTION: Method of Genetic Analysis of Probes:
/ FILE REFERENCE: 3119
/ CURRENT APPLICATION NUMBER: US/10/215,112
/ CURRENT FILING DATE: 2002-08-08
/ NUMBER OF SEQ ID NOS: 14936
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 10652
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Oligonucleotide
/ US-10-215-112-10652

Query Match
Best Local Similarity 0.3%; Score 17.8; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 926 GGGTTTGAGACAGCTGCTG 946
Db 21 GGGTTTCAGACACTGCTG 1

RESULT 254
US-10-480-013-2/c
/ Sequence 2, Application US/10480013
/ Publication No. US20040157794A1
/ GENERAL INFORMATION:
/ APPLICANT: Pohang Foundation
/ TITLE OF INVENTION: CALIX[4]ARENE-NUCLEOSIDE AND CALIX[4]ARENE-OLIGONUCLEOTIDE
/ FILE REFERENCE: PCA2063/PSC
/ CURRENT APPLICATION NUMBER: US/10/480,013
/ CURRENT FILING DATE: 2003-12-04
/ NUMBER OF SEQ ID NOS: 3
/ SOFTWARE: Kopatentin 1.71
/ SEQ ID NO 2
/ LENGTH: 25
```

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/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: calix[4]arene-oligonucleotide hybrid 2
/ NAME/KEY: misc_feature
/ LOCATION: (13)
/ OTHER INFORMATION: calix[4]arene-nucleoside of chemical formula 1
/ US-10-480-013-2

Query Match
Best Local Similarity 0.3%; Score 17.8; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAA 5414
Db 22 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 255
US-10-775-169-1124
/ Sequence 1124, Application US/10775169
/ Publication No. US20040175743A1
/ GENERAL INFORMATION:
/ APPLICANT: Wyeth
/ APPLICANT: Burczynski, Michael
/ APPLICANT: Twine, Natalie
/ APPLICANT: Dornier, Andrew
/ TITLE OF INVENTION: Trepichilo, William
/ FILE REFERENCE: AM101080 (031896-013000)
/ CURRENT APPLICATION NUMBER: US/10/775,169
/ CURRENT FILING DATE: 2004-02-11
/ NUMBER OF SEQ ID NOS: 5278
/ SOFTWARE: Patentin version 3.2
/ SEQ ID NO 1124
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: probe
/ US-10-775-169-1124

Query Match
Best Local Similarity 0.3%; Score 17.8; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1867 CTTCCCGAGCACTCTCTG 1887
Db 1 CTTCCCGAGCACTCTCTG 21

RESULT 256
US-10-131-827-502/c
/ Sequence 502, Application US/10131827
/ Publication No. US20040009479A1
/ GENERAL INFORMATION:
/ APPLICANT: Wohlgemuth, Jay
/ APPLICANT: Fry, Kirk
/ APPLICANT: Woodward, Robert
/ APPLICANT: Ly, Ngoc
/ TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE
/ FILE REFERENCE: 506612000120
/ CURRENT APPLICATION NUMBER: US/10/131,827
/ CURRENT FILING DATE: 2002-09-06
/ PRIOR APPLICATION NUMBER: US 10/006,290
/ PRIOR FILING DATE: 2001-10-22
/ PRIOR APPLICATION NUMBER: US 60/296,764
/ PRIOR FILING DATE: 2001-06-08
/ NUMBER OF SEQ ID NOS: 9090
/ SOFTWARE: Patentin version 3.1
/ SEQ ID NO 502
/ LENGTH: 50
/ TYPE: DNA
```

```
/ ORGANISM: Homo sapiens
US-10-131-827-502

Query Match
  0.3%; Score 17.8; DB 1; Length 50;
  Best Local Similarity 75.9%; Pred. No. 4.3e+02;
  Matches 22; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 5178 GAGCCCAAAATTTGGGCTTCAGCTGGGA 5206
  |||||
  50 GAACCCCAATTTTGGGGCTTCACCCGTGTGA 22

RESULT 257
US-10-270-839-76
; Sequence 76, Application US/10270839
; Publication No. US20030143586A1
; GENERAL INFORMATION:
; APPLICANT: Chao, Qimin
; APPLICANT: Grasso, Luigi
; APPLICANT: Sasse, Philip M.
; APPLICANT: Nicolaides, Nicholas C.
; TITLE OF INVENTION: Genetic Hypersensitivity of Plants for Gene Discovery and Diagnost
; FILE REFERENCE: AG0002US (MOR-0133)
; CURRENT FILING DATE: 2002-10-11
; PRIOR APPLICATION NUMBER: 60/328,750
; PRIOR FILING DATE: 2001-10-12
; NUMBER OF SEQ ID NOS: 129
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 76
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Oligonucleotide primer
; NAME/KEY: misc_feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: H is A or C or T/U, not G
US-10-270-839-76

Query Match
  0.3%; Score 17.6; DB 1; Length 21;
  Best Local Similarity 90.0%; Pred. No. 3.1e+02;
  Matches 18; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAAGAAGAGAGAGAGA 1199
  |||||
  2 AGAGAGAGAGAGAGAGAGAH 21

RESULT 258
US-09-915-152-9
; Sequence 9, Application US/09915152
; Publication No. US20020082298A1
; GENERAL INFORMATION:
; APPLICANT: Pluehmann, Beat
; APPLICANT: Helm, Manuel
; APPLICANT: Hunziker, Willi
; APPLICANT: Weber, Peter
; TITLE OF INVENTION: PHYTANIC ACID DERIVATIVE COMPOSITIONS AND METHOD OF TREATING
; TITLE OF INVENTION: AND/OR PREVENTING DIABETES MELLITUS
; FILE REFERENCE: 20722 US/Mez (C038435/0119491)
; CURRENT APPLICATION NUMBER: US/09/915,152
; CURRENT FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: EPO 00116848.3
; PRIOR FILING DATE: 2000-08-04
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 9
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial
; FEATURES:
```

```
/ OTHER INFORMATION: Synthetic oligonucleotide used for the amplification of
/ OTHER INFORMATION: glucokinase.
US-09-915-152-9

Query Match
  0.3%; Score 17.6; DB 1; Length 24;
  Best Local Similarity 83.3%; Pred. No. 3.3e+02;
  Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3128 AGCTGACCTGAGCTTCAGTTG 3151
  |||||
  1 AGCTGCACCCGAGGCTTCAAGAGAC 24

RESULT 259
US-09-405-032-21
; Sequence 21, Application US/09405032
; Publication No. US20030207827A1
; GENERAL INFORMATION:
; APPLICANT: Amgen Inc.
; TITLE OF INVENTION: OSTEOPROTEGERIN
; NUMBER OF SEQUENCES: 168
; CORRESPONDENCE ADDRESSES:
; ADDRESSER: Amgen Inc.
; STREET: 1840 Dehavilland Drive
; CITY: Thousand Oaks
; STATE: California
; COUNTRY: United States
; ZIP: 91320
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/405,032
; FILING DATE: 24-Sep-1999
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Winter, Robert B.
; REFERENCE/DOCKET NUMBER: A-378-CIP2
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 21:
US-09-405-032-21

Query Match
  0.3%; Score 17.6; DB 1; Length 24;
  Best Local Similarity 83.3%; Pred. No. 3.3e+02;
  Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4663 CAGATCGGAAGCTTTCAGCTTG 4686
  |||||
  1 CAGATCTGAAGCTGCTCAGTTTG 24

RESULT 260
US-10-309-775A-20/C
; Sequence 20, Application US/10309775A
; Publication No. US20040006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/0M327
; CURRENT APPLICATION NUMBER: US/10/309,775A
; CURRENT FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
```


/ SEQ ID NO 20
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: PCR primer
US-10-309-775A-20

Query Match 0.3%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5394 AAAAAATACAAAAAGAAAAATG 5417
DB 24 AAAAAAAAAAAAAAAAACAAAATG 1

RESULT 261
US-10-309-775A-21/c
/ Sequence 21, Application US/10309775A
/ Publication No. US20040006032A1
/ GENERAL INFORMATION:
/ APPLICANT: LOPEZ, Ricardo A.
/ TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
/ FILE REFERENCE: 2901/0M327
/ CURRENT APPLICATION NUMBER: US/10/309,775A
/ PRIOR FILING DATE: 2002-12-04
/ PRIOR APPLICATION NUMBER: CA 2,388,049
/ PRIOR FILING DATE: 2002-05-30
/ NUMBER OF SEQ ID NOS: 74
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 21
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: PCR primer
US-10-309-775A-21

Query Match 0.3%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5396 AAAAAATCAAAAAAGAAAAATGAA 5419
DB 24 AAAAAAAAAAAAAAAAACAAAATGAA 1

RESULT 262
US-10-309-775A-22/c
/ Sequence 22, Application US/10309775A
/ Publication No. US20040006032A1
/ GENERAL INFORMATION:
/ APPLICANT: LOPEZ, Ricardo A.
/ TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
/ FILE REFERENCE: 2901/0M327
/ CURRENT APPLICATION NUMBER: US/10/309,775A
/ PRIOR FILING DATE: 2002-12-04
/ PRIOR APPLICATION NUMBER: CA 2,388,049
/ PRIOR FILING DATE: 2002-05-30
/ NUMBER OF SEQ ID NOS: 74
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 22
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: PCR primer
US-10-309-775A-22

Query Match 0.3%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5398 AATACAAAAAGAAAAATGAAAA 5421
DB 24 AAAAAAAAAAAAAAAAACAAAATGAAAA 1

RESULT 263
US-10-766-118-9
/ Sequence 9, Application US/10766118
/ Publication No. US20040138181A1
/ GENERAL INFORMATION:
/ APPLICANT: Fluehmann, Beat
/ APPLICANT: Heim, Manuel
/ APPLICANT: Hunziker, Wili
/ APPLICANT: Weber, Peter
/ TITLE OF INVENTION: PHYTANIC ACID DERIVATIVE COMPOSITIONS AND METHOD OF TREATING
/ AND/OR PREVENTING DIABETES MELLITUS
/ FILE REFERENCE: 20722 US/Mez (C038435/0119491)
/ CURRENT APPLICATION NUMBER: US/10/766,118
/ PRIOR FILING DATE: 2004-01-27
/ PRIOR APPLICATION NUMBER: US/09/915,152
/ PRIOR FILING DATE: 2001-07-25
/ PRIOR APPLICATION NUMBER: EPO 00116848.3
/ PRIOR FILING DATE: 2000-08-04
/ NUMBER OF SEQ ID NOS: 45
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 9
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide used for the amplification of
US-10-766-118-9

Query Match 0.3%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3128 ACGTGACCTGAGCTTCATATGCG 3151
DB 1 ACGTGACCCGAGCTTCAAGAGC 24

RESULT 264
US-09-866-108-4831
/ Sequence 4831, Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: ABOWICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669

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/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aeomica Sequence Listing Engine
/ SEQ ID NO: 4831
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-4831
```

```
Query Match      0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      3257 AGGACCTGGCCTCTGCTTCACTG 3280
Db      2 AGGACCTGGCCTCTCTCATCACTG 25
```

```
RESULT 265
US-09-866-108-4832
/ Sequence 4832, Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
```

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/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aeomica Sequence Listing Engine
/ SEQ ID NO: 4832
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-4832
```

```
Qy      3257 AGGACCTGGCCTCTGCTTCACTG 3280
Db      1 AGGACCTGGCCTCTCTCATCACTG 24
```

```
RESULT 266
US-09-866-108-12949
/ Sequence 12949, Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aeomica Sequence Listing Engine
/ SEQ ID NO: 12949
```

LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-12949

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2112 GATGACGAGATGACGAGGAAGA 2135
DB 2 GATGAAGCAGATGACCAAGGAAGA 25

RESULT 267
US-09-866-108-12950
Sequence 12950, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 12950
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-12950

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2112 GATGACGAGATGACGAGGAAGA 2135

DB 1 GATGAAGCAGATGACCAAGGAAGA 24

RESULT 268
US-09-866-108-13290
Sequence 13290, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 13290
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-13290

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3475 AGCAGACGAAACCAAGTGTGATG 3498
DB 2 AGCAGAGTGAAGCACAAGTGTGAGG 25

RESULT 269
US-09-866-108-13292
Sequence 13292, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong

```
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aeomica Sequence Listing Engine
/ SEQ ID NO 13292
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-13292

Query Match      0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3476 GGAAGCGAAGCAAGTGATGAGA 3499
DB      1 GGAAGTGGAAGCAAGTGATGAGA 24

RESULT 270
US-09-827-998-1152
/ Sequence 1152, Application US/09827998
/ Patent No. US20020102252A1
/ GENERAL INFORMATION:
/ APPLICANT: Gu, Yizhong
/ APPLICANT: Shannon, Mark
/ TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN B
/ FILE REFERENCE: MDMORF-8
/ CURRENT APPLICATION NUMBER: US/09/827,998
/ PRIOR FILING DATE: 2001-04-06
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ NUMBER OF SEQ ID NOS: 1881
```

```
/ SOFTWARE: Aeomica Sequence Listing Engine
/ SEQ ID NO 1152
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-827-998-1152

Query Match      0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5410 AAAAAATGAATTAAGGAATTAAG 5433
DB      2 AAGAAATGAATTAAGGAATTAAG 25

RESULT 271
US-09-827-998-1154
/ Sequence 1154, Application US/09827998
/ Patent No. US20020102252A1
/ GENERAL INFORMATION:
/ APPLICANT: Gu, Yizhong
/ APPLICANT: Shannon, Mark
/ TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN B
/ FILE REFERENCE: MDMORF-8
/ CURRENT APPLICATION NUMBER: US/09/827,998
/ PRIOR FILING DATE: 2001-04-06
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ NUMBER OF SEQ ID NOS: 1881
/ SOFTWARE: Aeomica Sequence Listing Engine
/ SEQ ID NO 1154
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-827-998-1154

Query Match      0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5411 AAAAATGAATTAAGGAATTAAGA 5434
DB      1 AGAAATGAATTAAGGAATTAAGA 24

RESULT 272
US-09-751-100B-103/C
/ Sequence 103, Application US/09751100B
/ Patent No. US20020142436A1
/ GENERAL INFORMATION:
/ APPLICANT: Medical Research Council
/ TITLE OF INVENTION: Human Adenylylate Cyclase and Use Therefor
/ FILE REFERENCE: P27948A
/ CURRENT APPLICATION NUMBER: US/09/751,100B
/ PRIOR FILING DATE: 2000-12-28
/ NUMBER OF SEQ ID NOS: 104
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 103
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Artificial sequence
/ FEATURE:
/ OTHER INFORMATION: Primer based on mouse adenylyl cyclase 9
US-09-751-100B-103

Query Match      0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2565 GGGGAGAGAGATGAGAAACAT 2588
```

Db 25 GGAGGAAGAAAGATGTGAGACT 2

RESULT 273

US-10-060-756A-2117
; Sequence 2117, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 2117
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-2117

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 770 GCGCCAGCCCGAGGAAGGCGCG 793
DB 2 GAGCCCAAGCCCGAGCCGCGCGCG 25

RESULT 274

US-10-215-112-3462
; Sequence 3462, Application US/10215112
; Publication No. US20030082596A1
; GENERAL INFORMATION:
; APPLICANT: Michael Miltman
; TITLE OF INVENTION: Method of Genetic Analysis of Probes:
; FILE REFERENCE: Test3
; CURRENT APPLICATION NUMBER: US/10/215,112
; CURRENT FILING DATE: 2002-08-08
; NUMBER OF SEQ ID NOS: 14936
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3462
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-215-112-3462

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4293 CTCGATTCGAGAGAGACTGGAGCT 4316

Db 1 CTCGATTCGAGAGAGAGACT 24

RESULT 275

US-10-098-263B-40793/C
; Sequence 40793, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 40793
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-40793

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4399 AAAGACAGAAAGATGAGACTCTG 4422
DB 24 AAAGACAGAAAGAGGACTCCG 1

RESULT 276

US-10-098-263B-121043/C
; Sequence 121043, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 121043
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-121043

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 559 TTGAGTTCCTGAAGAGAGAG 582
DB 24 TTGAGTTCCTGACGCCGAGAGAG 1

RESULT 277

US-10-098-263B-127078
; Sequence 127078, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759

;; PRIOR FILING DATE: 2001-03-16
;; NUMBER OF SEQ ID NOS: 131066
;; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
;; SEQ ID NO 127078
;; LENGTH: 25
;; TYPE: DNA
;; ORGANISM: Homo sapien
US-10-098-263B-127078

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4547 GAGACGAGCTGATAGCCCGAGTGA 4570
Db 1 GAGACGAGCGGCTCGCCGAGTGA 24

RESULT 278
US-10-098-263B-128314/c
; Sequence 128314, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 128314
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-128314

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4547 GAGACGAGCTGATAGCCCGAGTGA 4570
Db 25 GAGACGAGCGGCTCGCCGAGTGA 2

RESULT 279
US-10-675-685-1152
; Sequence 1152, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; PRIOR FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1152
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-1152

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5410 AAAAAATGAAATAAAGGAATAG 5433
Db 2 AAGAAATGAAATAAATAGGAATAG 25

RESULT 280
US-10-675-685-1154
; Sequence 1154, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; PRIOR FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1154
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-1154

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5411 AAAAAATGAAATPAAAGGAATAGA 5434
Db 1 AGAAATGAAATAATAGGAATAGA 24

RESULT 281
US-10-723-361-4831
; Sequence 4831, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecmca Sequence Listing Engine
SEQ ID NO 4831
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-4831

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3257 AGGACCTGGCCTCTGCTCATTAGTG 3280
DB 2 AGGACCTGGCCTCTCATTACATG 25

RESULT 282
US-10-723-361-4832
Sequence 4832, Application US/10723361
Publication No. US20040137589A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
FILE REFERENCE: PB0105
CURRENT FILING DATE: 2003-11-26
PRIOR FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecmca Sequence Listing Engine
SEQ ID NO 4832
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-4832

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3257 AGGACCTGGCCTCTGCTCATTAGTG 3280
DB 1 AGGACCTGGCCTCTCATTACATG 24

RESULT 283
US-10-723-361-12949
Sequence 12949, Application US/10723361
Publication No. US20040137589A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
FILE REFERENCE: PB0105
CURRENT FILING DATE: 2003-11-26
PRIOR FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecmca Sequence Listing Engine
SEQ ID NO 12949
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-12949

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2112 GATGACGAGTGAAGCGGAGGA 2135
DB 2 GATGAGGAGATGACGAGGAGGA 25

RESULT 284
US-10-723-361-12950
Sequence 12950, Application US/10723361
Publication No. US20040137589A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
FILE REFERENCE: PB0105
CURRENT FILING DATE: 2003-11-26
PRIOR FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456

```
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ SOFTWARE: Aecmica Sequence Listing Engine
/ SEQ ID NO 12950
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-723-361-12950

Query Match          0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2112 GATGACGAGATGACGAGGAGGA 2135
DB      1 GATGAGCAGATGACACGAGAGGA 24

RESULT 285
US-10-723-361-13290
/ Sequence 13290, Application US/10723361
/ Publication No. US20040137589A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
/ FILE REFERENCE: PB0105
/ CURRENT APPLICATION NUMBER: US/10/723,361
/ PRIOR FILING DATE: 2003-11-26
/ PRIOR APPLICATION NUMBER: US 09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecmica Sequence Listing Engine
/ SEQ ID NO 15755
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-723-361-13292
```

```
/ SOFTWARE: Aecmica Sequence Listing Engine
/ SEQ ID NO 13290
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-723-361-13290

Query Match          0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3475 AGCAGCGGAACCAAGTGTGATG 3498
DB      2 AGCAGGTGAAGCCAAAGTGTGAGG 25

RESULT 286
US-10-723-361-13292
/ Sequence 13292, Application US/10723361
/ Publication No. US20040137589A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
/ FILE REFERENCE: PB0105
/ CURRENT APPLICATION NUMBER: US/10/723,361
/ PRIOR FILING DATE: 2003-11-26
/ PRIOR APPLICATION NUMBER: US 09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecmica Sequence Listing Engine
/ SEQ ID NO 13292
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-723-361-13292

Query Match          0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3476 GCAGACGGAACCAAGTGTGATGA 3499
DB      1 GCAGGTGAAGCCAAAGTGTGAGGA 24

RESULT 287
US-10-349-143-5847/c
/ Sequence 5847, Application US/10349143
```



```
/ Publication No. US20040005584A1
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSET.020CP1
/ CURRENT APPLICATION NUMBER: US/10/349,143
/ PRIOR FILING DATE: 2003-01-21
/ PRIOR APPLICATION NUMBER: US/09/422,978
/ PRIOR FILING DATE: 1999-10-20
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
/ PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 5847
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..19
/ OTHER INFORMATION: upstream amplification primer 99-7311 for SEQ 1913.
US-10-349-143-5847
```

```
Query Match      0.3%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 3.2e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1181 GAGAAAGAGAGAGAGAA 1199
DB      19 GAAAAAGAGAGAGAGAA 1
```

```
RESULT 288
US-10-116-949-38
/ Sequence 38, Application US/10116949
/ Publication No. US20030044911A1
/ GENERAL INFORMATION:
/ APPLICANT: Lerman, Michael I.
/ APPLICANT: Mims, John D.
/ APPLICANT: Lattif, Farida
/ APPLICANT: Wei, Ming-Hui
/ APPLICANT: Sekido, Yoshitaka
/ APPLICANT: Gao, Boning
/ APPLICANT: Duh, Ruh-Mei
/ TITLE OF INVENTION: Calcium Channel Compositions and Methods of Use Thereof
/ FILE REFERENCE: NIH-05043
/ CURRENT APPLICATION NUMBER: US/10/116,949
/ PRIOR FILING DATE: 2002-04-05
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/470,443
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-12-22
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/114,359
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-12-30
/ NUMBER OF SEQ ID NOS: 114
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 38
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-116-949-38
```

```
Query Match      0.3%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5074 CTGGTGGCCACAGACGCA 5092
          |||||
```

```
DB      1 CTGGTGGCCACAGACTCA 19
```

```
RESULT 289
US-10-077-383-29
/ Sequence 29, Application US/10077383
/ Publication No. US20030050444A1
/ GENERAL INFORMATION:
/ APPLICANT: Haydock, Paul V.
/ APPLICANT: U'Ren, Jack
/ APPLICANT: Saigene Corporation
/ TITLE OF INVENTION: Nucleic Acid Amplification Using an RNA Polymerase and
/ FILE REFERENCE: 018048-00110US
/ CURRENT APPLICATION NUMBER: US/10/077,383
/ PRIOR FILING DATE: 2002-02-15
/ PRIOR APPLICATION NUMBER: US 60/296,812
/ PRIOR FILING DATE: 2001-06-07
/ NUMBER OF SEQ ID NOS: 33
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 29
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: (XY)-n spacer
/ NAME/KEY: modified base
/ LOCATION: (13)..(20)
/ OTHER INFORMATION: a or g at positions 13-20 may be present or absent
US-10-077-383-29
```

```
Query Match      0.3%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1180 AGAGAAAGAGAGAGAGA 1198
DB      1 AGAGAGAGAGAGAGAGA 19
```

```
RESULT 290
US-10-276-491-3/C
/ Sequence 3, Application US/10276491
/ Publication No. US20040072285A1
/ GENERAL INFORMATION:
/ APPLICANT: Oh, Youngman
/ APPLICANT: Rosenfeld, Ron
/ APPLICANT: Ingemann, Angela R.
/ TITLE OF INVENTION: Induction of Apoptosis and Cell Growth Inhibition by Protein 4.33
/ FILE REFERENCE: 49321-76
/ CURRENT APPLICATION NUMBER: US/10/276,491
/ PRIOR FILING DATE: 2003-05-09
/ PRIOR APPLICATION NUMBER: PCT/US01/16437
/ PRIOR FILING DATE: 2001-05-17
/ PRIOR APPLICATION NUMBER: US 60/204,949
/ PRIOR FILING DATE: 2000-05-17
/ NUMBER OF SEQ ID NOS: 17
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 3
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial sequence
/ FEATURE:
/ OTHER INFORMATION: antisense oligonucleotide
US-10-276-491-3
```

```
Query Match      0.3%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      743 GAGAGAGATGGGGCTGAG 761
```

Db 19 GCGAGCAGAGGGGGCTGAG 1

RESULT 291

US-10-280-183A-440/C
; Sequence 440, Application US/10280183A
; Publication No. US20040081964A1
; GENERAL INFORMATION:
; APPLICANT: Pfizer Inc.
; APPLICANT: Bachmanov, Alexander A
; APPLICANT: Beauchamp, Gary K.
; APPLICANT: Chatterjee, Anubindo
; APPLICANT: De Jong, Pieter J.
; APPLICANT: Li, Shanru
; APPLICANT: Li, Xia
; APPLICANT: Ohmen, Jeffrey D
; APPLICANT: Reed, Danielle R.
; APPLICANT: Ross, David
; APPLICANT: Tordoff, Michael G.
; TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH SENSING
; FILE REFERENCE: PC18306A
; CURRENT APPLICATION NUMBER: US/10/280,183A
; PRIOR FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: 60/200,794
; PRIOR FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 652
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 440
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mouse
US-10-280-183A-440

Query Match 0.3%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3124 ACCGAGCTGACCTGAGCT 3142
Db 19 ACCAGCTGACCTGAGCT 1

RESULT 292
US-10-280-183A-462/C
; Sequence 462, Application US/10280183A
; Publication No. US20040081964A1
; GENERAL INFORMATION:
; APPLICANT: Pfizer Inc.
; APPLICANT: Bachmanov, Alexander A
; APPLICANT: Beauchamp, Gary K.
; APPLICANT: Chatterjee, Anubindo
; APPLICANT: De Jong, Pieter J.
; APPLICANT: Li, Shanru
; APPLICANT: Li, Xia
; APPLICANT: Ohmen, Jeffrey D
; APPLICANT: Reed, Danielle R.
; APPLICANT: Ross, David
; APPLICANT: Tordoff, Michael G.
; TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH SENSING
; FILE REFERENCE: PC18306A
; CURRENT APPLICATION NUMBER: US/10/280,183A
; PRIOR FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: 60/200,794
; PRIOR FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 652
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 462
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mouse

US-10-280-183A-462

Query Match 0.3%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3124 ACCGAGCTGACCTGAGCT 3142
Db 19 ACCAGCTGACCTGAGCT 1

RESULT 293
US-10-661-088-17
; Sequence 17, Application US/10661088
; Publication No. US20040162253A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
; FILE REFERENCE: 029849/0206
; CURRENT APPLICATION NUMBER: US/10/661,088
; PRIOR FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-661-088-17

Query Match 0.3%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGA 1198
Db 1 AGAGAGAGAGAGAGAGA 19

RESULT 294
US-10-661-088-18/C
; Sequence 18, Application US/10661088
; Publication No. US20040162253A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
; FILE REFERENCE: 029849/0206
; CURRENT APPLICATION NUMBER: US/10/661,088
; PRIOR FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

OTHER INFORMATION: oligonucleotide
US-10-661-088-18

Query Match 0.3%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGGAAAGAGAGAGAGA 1198
DB 19 AGAGAGAGAGAGAGAGA 1

RESULT 295

US-10-661-097-17
Sequence 17, Application US/10661097
Publication No. US20040162254A1
GENERAL INFORMATION:
APPLICANT: VAILLANT, ANDREW
APPLICANT: JUTEAU, JEAN-MARC
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
FILE REFERENCE: 029849/0204
CURRENT APPLICATION NUMBER: US/10/661,097
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PatentIn Ver. 3.2
SEQ ID NO 17
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-661-097-17

Query Match 0.3%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGGAAAGAGAGAGAGA 1198
DB 1 AGAGAGAGAGAGAGAGA 19

RESULT 296

US-10-661-097-18/c
Sequence 18, Application US/10661097
Publication No. US20040162254A1
GENERAL INFORMATION:
APPLICANT: VAILLANT, ANDREW
APPLICANT: JUTEAU, JEAN-MARC
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
FILE REFERENCE: 029849/0204
CURRENT APPLICATION NUMBER: US/10/661,097
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PatentIn Ver. 3.2
SEQ ID NO 18
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-661-097-18

Query Match 0.3%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGGAAAGAGAGAGAGA 1198
DB 19 AGAGAGAGAGAGAGAGA 1

RESULT 297

US-10-661-355-17
Sequence 17, Application US/10661355
Publication No. US20040170959A1
GENERAL INFORMATION:
APPLICANT: VAILLANT, ANDREW
APPLICANT: JUTEAU, JEAN-MARC
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES
FILE REFERENCE: 029849/0208
CURRENT APPLICATION NUMBER: US/10/661,355
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PatentIn Ver. 3.2
SEQ ID NO 17
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-661-355-17

Query Match 0.3%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGGAAAGAGAGAGAGA 1198
DB 1 AGAGAGAGAGAGAGAGA 19

RESULT 298

US-10-661-355-18/c
Sequence 18, Application US/10661355
Publication No. US20040170959A1
GENERAL INFORMATION:
APPLICANT: VAILLANT, ANDREW
APPLICANT: JUTEAU, JEAN-MARC
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES
FILE REFERENCE: 029849/0208
CURRENT APPLICATION NUMBER: US/10/661,355
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PatentIn Ver. 3.2
SEQ ID NO 18
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

```
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-661-355-18

Query Match          0.3%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAGA 1198
DB      19 AGAGAGAGAGAGAGAGA 1

RESULT 299
US-10-661-099-17
; Sequence 17, Application US/10661099
; Publication No. US20040171568A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETTING HIV
; FILE REFERENCE: 029849/0203
; CURRENT APPLICATION NUMBER: US/10/661,099
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: Patent In Ver. 3.2
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-661-099-17

Query Match          0.3%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAGA 1198
DB      1 AGAGAGAGAGAGAGAGA 19

RESULT 300
US-10-661-099-18/C
; Sequence 18, Application US/10661099
; Publication No. US20040171568A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETTING HIV
; FILE REFERENCE: 029849/0203
; CURRENT APPLICATION NUMBER: US/10/661,099
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: Patent In Ver. 3.2
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-661-099-18

Query Match          0.3%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAGA 1198
DB      19 AGAGAGAGAGAGAGAGA 1

RESULT 301
US-10-184-085A-201/C
; Sequence 201, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 201
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-201

Query Match          0.3%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 3.4e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2436 GGATGAGAGCGGAGAGGCT 2454
DB      19 GGATGAGAGCGGAGAGGCT 1

RESULT 302
US-10-184-085A-235/C
; Sequence 235, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 235
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-235

Query Match          0.3%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 3.4e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY 2436 GGATGAGAAGGGAGAGGT 2454
DB 21 GGATGAGAAGGGAGAGGT 3

RESULT 303
US-10-184-085A-236/c
; Sequence 236, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balogh, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 236
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-236

Query Match 0.3%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 3.4e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2436 GGATGAGAAGGGAGAGGT 2454
DB 20 GGATGAGAAGGGAGAGGT 2

RESULT 304
US-10-184-085A-237/c
; Sequence 237, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balogh, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 237
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-237

Query Match 0.3%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 3.4e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2436 GGATGAGAAGGGAGAGGT 2454
DB 19 GGATGAGAAGGGAGAGGT 1

RESULT 305
US-10-184-085A-273/c
; Sequence 273, Application US/10184085A

; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balogh, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 273
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-273

Query Match 0.3%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 3.4e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2436 GGATGAGAAGGGAGAGGT 2454
DB 19 GGATGAGAAGGGAGAGGT 1

RESULT 306
US-10-270-839-75
; Sequence 75, Application US/10270839
; Publication No. US20030143586A1
; GENERAL INFORMATION:
; APPLICANT: Chao, Qimin
; APPLICANT: Graess, Luigi
; APPLICANT: Saes, Philip M.
; APPLICANT: Nicolaidis, Nicholas C.
; TITLE OF INVENTION: Genetic Hypermutability of Plants for Gene Discovery and Diagnosis
; FILE REFERENCE: AG000205 (MOR-0133)
; CURRENT APPLICATION NUMBER: US/10/270,839
; CURRENT FILING DATE: 2002-10-11
; PRIOR APPLICATION NUMBER: 60/328,750
; PRIOR FILING DATE: 2001-10-12
; NUMBER OF SEQ ID NOS: 129
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 75
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
; NAME/KEY: misc.feature
; LOCATION: (22)..(22)
; OTHER INFORMATION: B is C or G or T/U, not A
US-10-270-839-75

Query Match 0.3%; Score 17.4; DB 1; Length 22;
Best Local Similarity 94.7%; Pred. No. 3.4e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGGAAGAGAGAGAGAG 1198
DB 2 AGAGGAAGAGAGAGAGAG 20

RESULT 307
US-10-280-183A-358
; Sequence 358, Application US/10280183A
; Publication No. US20040081964A1
; GENERAL INFORMATION:
; APPLICANT: Pfizer Inc.

```
/ APPLICANT: Bachmanov, Alexander A
/ APPLICANT: Beauchamp, Gary K.
/ APPLICANT: Chatterjee, Anubindo
/ APPLICANT: De Jong, Pieter J.
/ APPLICANT: Li, Shantu
/ APPLICANT: Li, Xia
/ APPLICANT: Ohmen, Jeffrey D
/ APPLICANT: Reed, Danielle R.
/ APPLICANT: Ross, David
/ APPLICANT: Tordoff, Michael G.
/ TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH SENSING
/ TITLE OF INVENTION: CARBOHYDRATE COMPOUNDS AND OTHER SWEETENERS
/ FILE REFERENCE: PC18306A
/ CURRENT APPLICATION NUMBER: US/10/280,183A
/ CURRENT FILING DATE: 2002-10-25
/ PRIOR APPLICATION NUMBER: 60/200,794
/ PRIOR FILING DATE: 2000-04-28
/ NUMBER OF SEQ ID NOS: 652
/ SOFTWARE: PatentIn Ver. 3.1
/ SEQ ID NO 358
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Mouse
US-10-280-183A-358
```

```
Query Match          0.3%; Score 17.4; DB 1; Length 22;
Best Local Similarity 94.7%; Pred. No. 3.4e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 3597 TCAGCTAATCTCAAACTC 3615
      |||||
DB 1 TCAGCTAATCTCAAACTC 19
```

```
RESULT 308
US-10-216-122-94
/ Sequence 94, Application US/10216122
/ Publication No. US20030121063A1
/ GENERAL INFORMATION:
/ APPLICANT: Kazarian, Haig H.
/ APPLICANT: Debernatis, Ralph
/ TITLE OF INVENTION: COMPOSITIONS AND METHODS OF USE OF MAMMALIAN RETROTRANSPOSONS
/ FILE REFERENCE: 053893-5006-03
/ CURRENT APPLICATION NUMBER: US/10/216,122
/ CURRENT FILING DATE: 2002-08-09
/ PRIOR APPLICATION NUMBER: US 09/653,812
/ PRIOR FILING DATE: 2000-09-01
/ PRIOR APPLICATION NUMBER: US 08/847,844
/ PRIOR FILING DATE: 1997-04-28
/ PRIOR APPLICATION NUMBER: US 08/749,805
/ PRIOR FILING DATE: 1996-11-15
/ PRIOR APPLICATION NUMBER: US 60/006,831
/ PRIOR FILING DATE: 1995-11-16
/ NUMBER OF SEQ ID NOS: 154
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 94
/ LENGTH: 22
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-10-216-122-94
```

```
Query Match          0.3%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 3.7e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAAATACAAAAAGAAAA 5414
      |||||
DB 1 AAAAAAATACAAAAAGAAAA 22
```

```
RESULT 309
US-10-335-573-6/c
```

```
/ Sequence 6, Application US/10335573
/ Publication No. US20040126770A1
/ GENERAL INFORMATION:
/ APPLICANT: Kumar, Gyanendra
/ APPLICANT: Abarzu, Patricia
/ TITLE OF INVENTION: ROLLING CIRCLE AMPLIFICATION OF RNA
/ FILE REFERENCE: 13172.0021U1
/ CURRENT APPLICATION NUMBER: US/10/335,573
/ CURRENT FILING DATE: 2002-12-31
/ NUMBER OF SEQ ID NOS: 6
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 6
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Note =
/ OTHER INFORMATION: Synthetic construct
US-10-335-573-6
```

```
Query Match          0.3%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 3.7e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAAATACAAAAAGAAAA 5414
      |||||
DB 22 AAAAAAATACAAAAAGAAAA 1
```

```
RESULT 310
US-09-426-548-126
/ Sequence 126, Application US/09426548
/ Patent No. US20010044936A1
/ GENERAL INFORMATION:
/ APPLICANT: Robbins, David
/ APPLICANT: Lin-Goette, Julli L.
/ APPLICANT: Ling, Jessica
/ TITLE OF INVENTION: No. US20010044936A1 Mutations in Human MLH1 and MSH2 Genes Used
/ FILE REFERENCE: DEK-0054
/ CURRENT APPLICATION NUMBER: US/09/426,548
/ CURRENT FILING DATE: 1999-10-22
/ NUMBER OF SEQ ID NOS: 192
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 126
/ LENGTH: 23
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-426-548-126
```

```
Query Match          0.3%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.8e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5392 TAAAAAATACAAAAAGAAAA 5413
      |||||
DB 2 TAAAAAATACAAAAAGAAAA 23
```

```
RESULT 311
US-09-749-728B-43/c
/ Sequence 43, Application US/09749728B
/ Patent No. US20020142457A1
/ GENERAL INFORMATION:
/ APPLICANT: Umezawa, Akihiko
/ APPLICANT: Hata, Jun-ichi
/ APPLICANT: Fukuda, Keiichi
/ APPLICANT: Ogawa, Satoshi
/ APPLICANT: Sakurada, Kazuhiro
/ APPLICANT: Gojo, Satoshi
/ APPLICANT: Yamada, Yoji
/ TITLE OF INVENTION: THE CELL HAVING THE POTENTIALITY OF DIFFERENTIATION INTO CARDIOMY
/ FILE REFERENCE: 00766.000043
```

```
/ CURRENT APPLICATION NUMBER: US/09/749,728B
/ CURRENT FILING DATE: 2001-09-17
/ PRIOR APPLICATION NUMBER: H11-372826
/ PRIOR FILING DATE: 1999-12-28
/ PRIOR APPLICATION NUMBER: PCT-JP00-01148
/ PRIOR FILING DATE: 2000-02-28
/ PRIOR APPLICATION NUMBER: PCT-JP00-07741
/ PRIOR FILING DATE: 2000-11-02
/ NUMBER OF SEQ ID NOS: 80
/ SOFTWARE: PatentIn Ver.2.0
/ SEQ ID NO 43
/ TYPE: DNA
/ LENGTH: 24
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: artificially synthesized prim
US-09-749-728B-43

Query Match          0.3%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1185 AAGAGAGAGAGAGAAATCAGAG 1206
Db      22  AAGAGAGAGAGAGACATCTCAG 1

RESULT 312
US-09-940-185-2717/c
/ Sequence 2717, Application US/09940185
/ Publication No. US20030096239A1
/ GENERAL INFORMATION:
/ APPLICANT: Gunderson, Kevin
/ APPLICANT: Chee, Mark
/ TITLE OF INVENTION: Probes and Decoder Oligonucleotides
/ FILE REFERENCE: A-69605-1
/ CURRENT APPLICATION NUMBER: US/09/940,185
/ CURRENT FILING DATE: 2001-08-27
/ PRIOR APPLICATION NUMBER: US 60/227,948
/ PRIOR FILING DATE: 2000-08-25
/ PRIOR APPLICATION NUMBER: US 60/228,854
/ PRIOR FILING DATE: 2000-08-29
/ NUMBER OF SEQ ID NOS: 4768
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 2717.
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Computer Generated Probe Sequence.
US-09-940-185-2717

Query Match          0.3%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      4371 CTTGGATCAGGATCAGGCTG 4392
Db      23  CTTGGATCAGGATCAGGCTG 2

RESULT 313
US-10-081-969-18
/ Sequence 18, Application US/10081969
/ Publication No. US20030104625A1
/ GENERAL INFORMATION:
/ APPLICANT: Cheng, Cheng
/ APPLICANT: Clarke, Lori
/ APPLICANT: Connolly, Sheila
/ APPLICANT: Emmett, David
/ APPLICANT: Forry-Schauldes, Suzanne
/ APPLICANT: Gorzislila, Mario
/ APPLICANT: Hallenbeck, Paul
```

```
/ APPLICANT: Hay, Carl
/ APPLICANT: Jakubczak, John
/ APPLICANT: Kaleko, Michael
/ APPLICANT: Phipps, Sandra
/ APPLICANT: Police, Seshidhar
/ APPLICANT: Ryan, Patricia
/ APPLICANT: Steward, David
/ APPLICANT: Xie, Yuefeng
/ TITLE OF INVENTION: No. US20030104625A1el Oncolytic Adenoviral Vectors
/ FILE REFERENCE: 4-31704A/CRI
/ CURRENT APPLICATION NUMBER: US/10/081,969
/ CURRENT FILING DATE: 2002-02-22
/ PRIOR APPLICATION NUMBER: US 60/270,922
/ PRIOR FILING DATE: 2001-02-23
/ PRIOR APPLICATION NUMBER: US 60/295,037
/ PRIOR FILING DATE: 2001-06-01
/ PRIOR APPLICATION NUMBER: US 60/348,670
/ PRIOR FILING DATE: 2000-01-14
/ NUMBER OF SEQ ID NOS: 98
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 18
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Viral vector sequence
/ NAME/KEY: misc feature
/ LOCATION: (1)..(24)
/ OTHER INFORMATION: Fig. 1C. SV40 early Poly(A) site
/ NAME/KEY: polyA site
/ LOCATION: (3)..(24)
/ OTHER INFORMATION:
US-10-081-969-18

Query Match          0.3%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      5393 AAAAAATACAAAAAGAAAA 5414
Db      3  AAAAAAAGAAAAAGAAAAA 24

RESULT 314
US-10-002-536A-3/c
/ Sequence 3, Application US/10002536A
/ Publication No. US20030108674A1
/ GENERAL INFORMATION:
/ APPLICANT: Kane, Michael D.
/ APPLICANT: Nagel, Aaron C.
/ APPLICANT: Dombkowski, Alan A.
/ TITLE OF INVENTION: COMPOSITIONS AND SYSTEMS FOR IDENTIFYING AND COMPARING EXPRESSED
/ TITLE OF INVENTION: (RNA) IN EUKARYOTIC ORGANISMS
/ FILE REFERENCE: 65446-87
/ CURRENT APPLICATION NUMBER: US/10/002,536A
/ CURRENT FILING DATE: 2003-02-11
/ NUMBER OF SEQ ID NOS: 5
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 3
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: This is a synthesized sequence.
US-10-002-536A-3

Query Match          0.3%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      5391 TTTAAAAATACAAAAAGAAA 5412
```

Db 22 TTTAAAAA 1

RESULT 315

US-10-002-536A-4
; Sequence 4, Application US/10002536A
; Publication No. US20030108874A1
; GENERAL INFORMATION:
; APPLICANT: Kane, Michael D.
; APPLICANT: Nagel, Aaron C.
; APPLICANT: Dombkowski, Alan A.
; TITLE OF INVENTION: COMPOSITIONS AND SYSTEMS FOR IDENTIFYING AND COMPARING EXPRESSED
; FILE REFERENCE: 65446-87
; CURRENT APPLICATION NUMBER: US/10/002,536A
; PRIOR FILING DATE: 2003-02-11
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: This is a synthesized sequence.
US-10-002-536A-4

Query Match 0.3%; Score 17.2; DB 1; Length 24;

Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5391 TTTAAAAAATACAAAAAGAAA 5412

Db 3 TTTAAAAA 24

RESULT 316

US-10-093-626B-74
; Sequence 74, Application US/10093626B
; Publication No. US20030124547A1
; GENERAL INFORMATION:
; APPLICANT: Peoples, Risa
; APPLICANT: Reuel, Van Acta
; TITLE OF INVENTION: Hybridization Assays for Gene Dosage Analysis
; FILE REFERENCE: A-60396-7
; CURRENT APPLICATION NUMBER: US/10/093,626B
; PRIOR FILING DATE: 2002-03-08
; PRIOR APPLICATION NUMBER: US 09/390,124
; PRIOR FILING DATE: 1999-09-03
; PRIOR APPLICATION NUMBER: US 09/149,161
; PRIOR FILING DATE: 1998-09-04
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 74
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic
; NAME/KEY: misc_feature
; LOCATION: (23)..(23)
; OTHER INFORMATION: the n at position 23 denotes the coumarin-based crosslinking nucleotide
US-10-093-626B-74

Query Match 0.3%; Score 17.2; DB 1; Length 24;

Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2282 GTCCAGATGACCTCGAGGAACA 2303

Db 1 GACCAATGATCTCAGGAACA 22

RESULT 317

US-10-309-775A-25/c
; Sequence 25, Application US/10309775A
; Publication No. US20040006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/0M327
; CURRENT APPLICATION NUMBER: US/10/309,775A
; PRIOR FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 25
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-309-775A-25

Query Match 0.3%; Score 17.2; DB 1; Length 24;

Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5404 AAAAAGAAAAATGAAATATA 5425

Db 24 AAAAACAATGAAAAAAA 3

RESULT 318

US-09-969-852-11/c
; Sequence 11, Application US/09969852
; Patent No. US20020137211A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Tianyan
; APPLICANT: Liu, Huifen
; APPLICANT: Li, Wei
; APPLICANT: Zhao, Libin
; TITLE OF INVENTION: A METHOD FOR ESTABLISHING AN EXPRESSION SYSTEM OF SPIDER DRAGLINE
; TITLE OF INVENTION: GENE IN BOMBIX MORI
; FILE REFERENCE: L10=65
; CURRENT APPLICATION NUMBER: US/09/969,852
; PRIOR FILING DATE: 2001-10-04
; PRIOR APPLICATION NUMBER: CN01106406.4
; PRIOR FILING DATE: 2001-01-02
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-969-852-11

Query Match 0.3%; Score 16.8; DB 1; Length 20;

Best Local Similarity 90.0%; Pred. No. 4.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2640 CCTGAGCTGCTGCTGACG 2659

Db 20 CCTCAGCTGCTGCTGCTGC 1

RESULT 319

US-09-925-139-24/c
; Sequence 24, Application US/09925139
; Publication No. US20030092647A1
; GENERAL INFORMATION:


```
/ APPLICANT: Rosanne M. Crooke
/ APPLICANT: Mark J. Graham
/ APPLICANT: Pam Nero
/ APPLICANT: Edward Wanciewicz
/ TITLE OF INVENTION: ANTISENSE MODULATION OF CHOLESTERYL ESTER TRANSFER PROTEIN EXPRES
/ FILE REFERENCE: ISPP-0596
/ CURRENT APPLICATION NUMBER: US/09/925,139
/ CURRENT FILING DATE: 2001-08-08
/ NUMBER OF SEQ ID NOS: 50
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 24
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-925-139-24

Query Match          0.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 4.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1063 GCAGTGTCTGGAGACTGGGG 1082
Db      20 GCAGTGTCTGGAGACTGGGG 1

RESULT 320
US-09-998-716-13/c
/ Sequence 13, Application US/09998716
/ Publication No. US20030126628A1
/ GENERAL INFORMATION:
/ APPLICANT: Avigenics, Inc
/ TITLE OF INVENTION: Chicken Ovomucoid
/ FILE REFERENCE: A181 8170
/ CURRENT APPLICATION NUMBER: US/09/998,716
/ CURRENT FILING DATE: 2001-11-30
/ NUMBER OF SEQ ID NOS: 28
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 13
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Primer OVVU4
US-09-998-716-13

Query Match          0.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 4.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      984 ACTCCTTACCAAGCTCTTC 1003
Db      20 AGCTCTTACCAAGCTCTTC 1

RESULT 321
US-09-976-782-72
/ Sequence 72, Application US/09976782
/ Publication No. US20030190715A1
/ GENERAL INFORMATION:
/ APPLICANT: Groese et al
/ TITLE OF INVENTION: No. US20030190715A1 Proteins and Nucleic Acids Encoding Same
/ FILE REFERENCE: 21402-157
/ CURRENT APPLICATION NUMBER: US/09/976,782
/ CURRENT FILING DATE: 2001-10-12
/ PRIOR APPLICATION NUMBER: 60/240,113
/ PRIOR FILING DATE: 2000-10-12
/ PRIOR APPLICATION NUMBER: 60/240,662
/ PRIOR FILING DATE: 2000-10-16
/ PRIOR APPLICATION NUMBER: 60/240,732
/ PRIOR FILING DATE: 2000-10-16
/ PRIOR APPLICATION NUMBER: 60/240,625
```

```
/ PRIOR FILING DATE: 2000-10-16
/ PRIOR APPLICATION NUMBER: 60/240,703
/ PRIOR FILING DATE: 2000-10-16
/ PRIOR APPLICATION NUMBER: 60/241,190
/ PRIOR FILING DATE: 2000-10-16
/ PRIOR APPLICATION NUMBER: 60/240,637
/ PRIOR FILING DATE: 2000-10-16
/ PRIOR APPLICATION NUMBER: 60/240,669
/ PRIOR FILING DATE: 2000-10-16
/ PRIOR APPLICATION NUMBER: 60/262,455
/ PRIOR FILING DATE: 2001-01-18
/ PRIOR APPLICATION NUMBER: 60/240,648
/ PRIOR FILING DATE: 2000-10-16
/ NUMBER OF SEQ ID NOS: 127
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 72
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-09-976-782-72

Query Match          0.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 4.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      574 AAGAGAGAGCTGAGAGATT 593
Db      1 AAGAGAGAGCTGAGAGAGATT 20

RESULT 322
US-10-181-177-85/c
/ Sequence 85, Application US/10181177
/ Publication No. US20030083296A1
/ GENERAL INFORMATION:
/ APPLICANT: Hong Zhang
/ TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 8 EXPRESSION
/ FILE REFERENCE: RTSP-0334
/ CURRENT APPLICATION NUMBER: US/10/181,177
/ CURRENT FILING DATE: 2002-07-12
/ PRIOR APPLICATION NUMBER: PCT/US01/00955
/ PRIOR FILING DATE: 2001-01-11
/ PRIOR APPLICATION NUMBER: 09/487,445
/ PRIOR FILING DATE: 2000-01-19
/ NUMBER OF SEQ ID NOS: 176
/ SEQ ID NO 85
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-177-85

Query Match          0.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 4.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      3175 CTTTGCAGAGCTGAGACA 3194
Db      20 CTTTGCAGAGCTGAGAGA 1

RESULT 323
US-10-331-907-78
/ Sequence 78, Application US/10331907
/ Publication No. US2003018160A1
/ GENERAL INFORMATION:
/ APPLICANT: Todd, John A
/ Hesse, John W
```

```

; Caskey, Charles T
; Cox, Roger D
; Gerhold, David
; Hammond, Holly
; Hey, Patricia
; Kawaguchi, Yoshihiko
; Metzman, Tony R
; Metzker, Michael L
; TITLE OF INVENTION: No. US2003018160A1el IDL-Receiver
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Nixon and Vanderhye
; STREET: 1100 No. US2003018160A1elh Glabe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; ZIP: VA 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25 (BPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/331,907
; FILING DATE: 31-Dec-2002
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/402,923A
; FILING DATE: 14-Feb-2001
; APPLICATION NUMBER: PCT/GB98/01102
; FILING DATE: 15-Apr-1998
; APPLICATION NUMBER: US 60/043,553
; FILING DATE: 15-Apr-1997
; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: B.J. Sadoff
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 620-81
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4091
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 78:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 78:
;
US-10-331-907-78
;
Query Match 0.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 4.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3599 AGGTAATCTCAACTCTG 3618
    ||||| ||||| |||||
Db 1 AGGCTGCTCAACTCTG 20

RESULT 324
US-10-448-836-158/c
; Sequence 158, Application US/10448836
; Publication No. US20030207313A1
; GENERAL INFORMATION:
; APPLICANT: KIM, Jeong Joou, SJ HIGHTECH Co., Ltd.
; APPLICANT: KIM, Cheol Min
; TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
; FILE REFERENCE: PP05020/PCT
; CURRENT APPLICATION NUMBER: US/10/448,836
; CURRENT FILING DATE: 2003-05-30
; PRIOR APPLICATION NUMBER: KR 10-1999-0019631
; PRIOR FILING DATE: 1999-05-29

```

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; PRIOR APPLICATION NUMBER: KR 10-1999-0019632
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019633
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019634
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019635
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-2000-0018189
; PRIOR FILING DATE: 2000-04-07
; SOFTWARE: Koparentin 1.71
; SEQ ID NO 158
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium smegmatis
;
US-10-448-836-158
;
Query Match 0.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 4.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 193 CGTTGCCACACCCCATCTC 212
    ||||| ||||| |||||
Db 20 CGTTGCCACACCCCATCTC 1

RESULT 325
US-10-448-914A-158/c
; Sequence 158, Application US/10448914A
; Publication No. US20030235856A1
; GENERAL INFORMATION:
; APPLICANT: KIM, Cheol Min
; APPLICANT: KIM, Jeong Joou, SJ HIGHTECH Co., Ltd.
; TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
; FILE REFERENCE: PP05020/PCT
; CURRENT APPLICATION NUMBER: US/10/448,914A
; CURRENT FILING DATE: 2003-05-30
; PRIOR APPLICATION NUMBER: KR 10-1999-0019631
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019632
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019633
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019634
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-2000-0018189
; PRIOR FILING DATE: 2000-04-07
; SOFTWARE: Koparentin 1.71
; SEQ ID NO 158
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium smegmatis
;
US-10-448-836-158
;
Query Match 0.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 4.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 193 CGTTGCCACACCCCATCTC 212
    ||||| ||||| |||||
Db 20 CGTTGCCACACCCCATCTC 1

RESULT 326

```

```
US-10-320-893-3/c
; Sequence 3, Application US/10320893
; Publication No. US20040053254A1
; GENERAL INFORMATION:
; APPLICANT: Wangh, Lawrence J.
; APPLICANT: Pierce, Kenneth
; APPLICANT: Hartshorn, Cristina
; APPLICANT: Rice, John
; APPLICANT: Sanchez, J. Aquiles
; TITLE OF INVENTION: LATE-PCR
; FILE REFERENCE: 08609-013001
; CURRENT APPLICATION NUMBER: US/10/320,893
; PRIOR FILING DATE: 2002-12-17
; PRIOR APPLICATION NUMBER: US 60/341,886
; PRIOR FILING DATE: 2001-12-19
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-320-893-3

Query Match      0.3%; Score 16.8; DB 1; Length 22;
Best Local Similarity 90.0%; Pred. No. 4.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      909 CCAGGGCTCAGAGAGAGG 928
      ||||| ||||| ||||| |||||
Db      21 CCAGGGGGCAGAGAGAGAGG 2

RESULT 327
US-10-320-893-8/c
; Sequence 8, Application US/10320893
; Publication No. US20040053254A1
; GENERAL INFORMATION:
; APPLICANT: Wangh, Lawrence J.
; APPLICANT: Pierce, Kenneth
; APPLICANT: Hartshorn, Cristina
; APPLICANT: Rice, John
; APPLICANT: Sanchez, J. Aquiles
; TITLE OF INVENTION: LATE-PCR
; FILE REFERENCE: 08609-013001
; CURRENT APPLICATION NUMBER: US/10/320,893
; PRIOR FILING DATE: 2002-12-17
; PRIOR APPLICATION NUMBER: US 60/341,886
; PRIOR FILING DATE: 2001-12-19
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-320-893-8

Query Match      0.3%; Score 16.8; DB 1; Length 24;
Best Local Similarity 90.0%; Pred. No. 4.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee F.
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentn Releasee #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMaisters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 515:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-515

Query Match      0.3%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 4.5e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAGAG 1197
      ||||| ||||| ||||| |||||
Db      1 AGAGAGAGAGAGAGAGAGAG 18

RESULT 329
US-09-263-959-873
; Sequence 873, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentn Releasee #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
```

```
/ NAME: McMaeters, David D.
/ REGISTRATION NUMBER: 33,963
/ REFERENCE/DOCKET NUMBER: 920010.426C2
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (206) 622-4900
/ TELEFAX: (206) 682-6031
/ INFORMATION FOR SEQ ID NO: 873:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-09-263-959-873

Query Match          0.3%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 4.5e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1181 GAGAAAGAGAGAGAGAGA 1198
      |||||
Db      1 GAGAGAGAGAGAGAGAGAGA 18

RESULT 330
US-10-011-204-3
/ Sequence 3, Application US/10011204
/ Publication No. US20020182617A1
/ GENERAL INFORMATION:
/ APPLICANT: EKINS, Roger P
/ TITLE OF INVENTION: Binding assay using binding agents with tail groups
/ FILE REFERENCE: 0380-P01180US0
/ CURRENT FILING DATE: 2001-11-08
/ PRIOR APPLICATION NUMBER: US/08/700,530
/ PRIOR FILING DATE: 1996-10-23
/ PRIOR APPLICATION NUMBER: PCT/GB95/00521
/ PRIOR FILING DATE: 1995-03-10
/ PRIOR APPLICATION NUMBER: GB 9404709.9
/ PRIOR FILING DATE: 1994-03-11
/ NUMBER OF SEQ ID NOS: 4
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 3
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:
US-10-011-204-3

Query Match          0.3%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 4.5e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1181 GAGAAAGAGAGAGAGAGA 1198
      |||||
Db      1 GAGAGAGAGAGAGAGAGAGA 18

RESULT 331
US-10-011-204-4/c
/ Sequence 4, Application US/10011204
/ Publication No. US20020182617A1
/ GENERAL INFORMATION:
/ APPLICANT: EKINS, Roger P
/ TITLE OF INVENTION: Binding assay using binding agents with tail groups
/ FILE REFERENCE: 0380-P01180US0
/ CURRENT FILING DATE: 2001-11-08
/ PRIOR APPLICATION NUMBER: US/08/700,530
/ PRIOR FILING DATE: 1996-10-23
/ PRIOR APPLICATION NUMBER: PCT/GB95/00521
/ PRIOR FILING DATE: 1995-03-10
```

```
/ PRIOR APPLICATION NUMBER: GB 9404709.9
/ PRIOR FILING DATE: 1994-03-11
/ NUMBER OF SEQ ID NOS: 4
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 4
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:
US-10-011-204-4

Query Match          0.3%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 4.5e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAGAG 1197
      |||||
Db      18 AGAGAGAGAGAGAGAGAGAG 1

RESULT 332
US-10-077-383-31
/ Sequence 31, Application US/10077383
/ Publication No. US2003005044A1
/ GENERAL INFORMATION:
/ APPLICANT: Haydock, Paul V.
/ APPLICANT: U'Ren, Jack
/ APPLICANT: Saigene Corporation
/ TITLE OF INVENTION: Nucleic Acid Amplification Using an RNA Polymerase and
/ TITLE OF INVENTION: DNA/RNA Mixed Polymer Intermediate Products
/ FILE REFERENCE: 018048-001710US
/ CURRENT FILING DATE: 2002-02-15
/ PRIOR APPLICATION NUMBER: US/10/077,383
/ PRIOR FILING DATE: 2002-02-15
/ PRIOR APPLICATION NUMBER: US 60/296,812
/ PRIOR FILING DATE: 2001-06-07
/ NUMBER OF SEQ ID NOS: 33
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 31
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: (XY)-n spacer
US-10-077-383-31

Query Match          0.3%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 4.5e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAGAG 1197
      |||||
Db      1 AGAGAGAGAGAGAGAGAGAG 18

RESULT 333
US-10-077-383-32/c
/ Sequence 32, Application US/10077383
/ Publication No. US2003005044A1
/ GENERAL INFORMATION:
/ APPLICANT: Haydock, Paul V.
/ APPLICANT: U'Ren, Jack
/ APPLICANT: Saigene Corporation
/ TITLE OF INVENTION: Nucleic Acid Amplification Using an RNA Polymerase and
/ TITLE OF INVENTION: DNA/RNA Mixed Polymer Intermediate Products
/ FILE REFERENCE: 018048-001710US
/ CURRENT FILING DATE: 2002-02-15
/ PRIOR APPLICATION NUMBER: US/10/077,383
/ PRIOR FILING DATE: 2002-02-15
/ PRIOR APPLICATION NUMBER: US 60/296,812
/ PRIOR FILING DATE: 2001-06-07
/ NUMBER OF SEQ ID NOS: 33
```

```
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 32
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:(XY)-n spacer
US-10-077-383-32

Query Match          0.3%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAGAG 1197
      ||||| ||||| ||||| |||||
DB      18 AGAGAGAGAGAGAGAGAGAG 18

RESULT 334
US-10-027-632-178630
/ Sequence 178630, Application US/10027632
/ Publication No. US20020198371A1
/ GENERAL INFORMATION:
/ APPLICANT: Wang, David G.
/ TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
/ TITLE OF INVENTION: Polymorphisms in the Human Genome
/ FILE REFERENCE: 108827.129
/ CURRENT APPLICATION NUMBER: US/10/027,632
/ PRIOR FILING DATE: 2002-04-30
/ PRIOR APPLICATION NUMBER: US 60/218,006
/ PRIOR FILING DATE: 2000-07-12
/ PRIOR APPLICATION NUMBER: US 60/198,676
/ PRIOR FILING DATE: 2000-04-20
/ PRIOR APPLICATION NUMBER: US 60/193,483
/ PRIOR FILING DATE: 2000-03-29
/ PRIOR APPLICATION NUMBER: US 60/185,218
/ PRIOR FILING DATE: 2000-02-24
/ PRIOR APPLICATION NUMBER: US 60/167,363
/ PRIOR FILING DATE: 1999-11-23
/ PRIOR APPLICATION NUMBER: US 60/156,358
/ PRIOR FILING DATE: 1999-09-28
/ PRIOR APPLICATION NUMBER: US 60/146,002
/ PRIOR FILING DATE: 1999-08-09
/ NUMBER OF SEQ ID NOS: 325720
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 178630
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Human
US-10-027-632-178630

Query Match          0.3%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1181 GAGAAAGAGAGAGAGAGA 1198
      ||||| ||||| ||||| |||||
DB      1 GAGAGAGAGAGAGAGAGAGA 18

RESULT 335
US-10-027-632-178630
/ Sequence 178630, Application US/10027632
/ Publication No. US20030204075A9
/ GENERAL INFORMATION:
/ APPLICANT: Wang, David G.
/ TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
/ TITLE OF INVENTION: Polymorphisms in the Human Genome
/ FILE REFERENCE: 108827.129
/ CURRENT APPLICATION NUMBER: US/10/027,632
/ PRIOR FILING DATE: 2002-04-30
/ PRIOR APPLICATION NUMBER: US 60/218,006
```

```
/ PRIOR FILING DATE: 2000-07-12
/ PRIOR APPLICATION NUMBER: US 60/198,676
/ PRIOR FILING DATE: 2000-04-20
/ PRIOR APPLICATION NUMBER: US 60/193,483
/ PRIOR FILING DATE: 2000-03-29
/ PRIOR APPLICATION NUMBER: US 60/185,218
/ PRIOR FILING DATE: 2000-02-24
/ PRIOR APPLICATION NUMBER: US 60/167,363
/ PRIOR FILING DATE: 1999-11-23
/ PRIOR APPLICATION NUMBER: US 60/156,358
/ PRIOR FILING DATE: 1999-09-28
/ PRIOR APPLICATION NUMBER: US 60/146,002
/ PRIOR FILING DATE: 1999-08-09
/ NUMBER OF SEQ ID NOS: 325720
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 178630
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Human
US-10-027-632-178630

Query Match          0.3%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1181 GAGAAAGAGAGAGAGAGA 1198
      ||||| ||||| ||||| |||||
DB      1 GAGAGAGAGAGAGAGAGAGA 18

RESULT 336
US-10-027-632-178653
/ Sequence 178653, Application US/10027632
/ Publication No. US20020198371A1
/ GENERAL INFORMATION:
/ APPLICANT: Wang, David G.
/ TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
/ TITLE OF INVENTION: Polymorphisms in the Human Genome
/ FILE REFERENCE: 108827.129
/ CURRENT APPLICATION NUMBER: US/10/027,632
/ PRIOR FILING DATE: 2002-04-30
/ PRIOR APPLICATION NUMBER: US 60/218,006
/ PRIOR FILING DATE: 2000-07-12
/ PRIOR APPLICATION NUMBER: US 60/198,676
/ PRIOR FILING DATE: 2000-04-20
/ PRIOR APPLICATION NUMBER: US 60/193,483
/ PRIOR FILING DATE: 2000-03-29
/ PRIOR APPLICATION NUMBER: US 60/185,218
/ PRIOR FILING DATE: 2000-02-24
/ PRIOR APPLICATION NUMBER: US 60/167,363
/ PRIOR FILING DATE: 1999-11-23
/ PRIOR APPLICATION NUMBER: US 60/156,358
/ PRIOR FILING DATE: 1999-09-28
/ PRIOR APPLICATION NUMBER: US 60/146,002
/ PRIOR FILING DATE: 1999-08-09
/ NUMBER OF SEQ ID NOS: 325720
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 178653
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Human
US-10-027-632-178653

Query Match          0.3%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1181 GAGAAAGAGAGAGAGAGA 1198
      ||||| ||||| ||||| |||||
DB      1 GAGAGAGAGAGAGAGAGAGA 18

RESULT 337
```

```
US-10-027-632-178653
; Sequence 178653, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; PRIOR FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 178653
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-178653

Query Match
Best Local Similarity 0.3%; Score 16.4; DB 1; Length 19;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 GAGAAAGAGAGAGAGA 1198
DB 1 GAGAGAGAGAGAGAGA 18

RESULT 338
US-10-731-739-253/c
; Sequence 253, Application US/10731739
; Publication No. US20040176582A1
; GENERAL INFORMATION:
; APPLICANT: Carulli, John P.
; APPLICANT: Little, Randall D.
; APPLICANT: Recker, Robert R.
; APPLICANT: Johnson, Mark L.
; TITLE OF INVENTION: High bone mass gene of 11q13.3
; FILE REFERENCE: 032796-013
; CURRENT APPLICATION NUMBER: US/10/731,739
; PRIOR FILING DATE: 2003-12-10
; PRIOR APPLICATION NUMBER: US/09/544,398B
; PRIOR FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/229,319
; PRIOR FILING DATE: 1999-01-13
; PRIOR APPLICATION NUMBER: US 60/071,449
; PRIOR FILING DATE: 1998-01-13
; PRIOR APPLICATION NUMBER: US 60/105,511
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 641
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 253
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-731-739-253

Query Match
Best Local Similarity 0.3%; Score 16.4; DB 1; Length 19;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 3924 GTTCCTGGGTGATGATCAA 3941
DB 19 GTTCCTGGCGGATGATCAA 2

RESULT 339
US-09-752-639-40/c
; Sequence 40, Application US/09752639
; Patent No. US20020091243A1
; GENERAL INFORMATION:
; APPLICANT: Gatanaga, T.
; APPLICANT: Granger, G.A.
; TITLE OF INVENTION: Factors Altering Tumor Necrosis
; FILE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
; TITLE OF INVENTION: of Use Thereof
; NUMBER OF SEQUENCES: 154
; CORRESPONDENCE ADDRESS:
; ADDRESSER: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,639
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US99/10793
; FILING DATE:
; APPLICATION NUMBER: 09/081,385
; FILING DATE:
; APPLICATION NUMBER: 08/964,747
; FILING DATE: 05-NOV-1997
; APPLICATION NUMBER: 60/030,761
; FILING DATE: 06-NOV-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: WU, Frank
; REGISTRATION NUMBER: 41,386
; REFERENCE/DOCKET NUMBER: 22000-20577.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-752-639-40

Query Match
Best Local Similarity 0.3%; Score 16.4; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 GAGAAAGAGAGAGAGA 1198
DB 20 GAGAGAGAGAGAGAGA 3

RESULT 340
US-09-984-198-40/c
; Sequence 40, Application US/09984198
; Patent No. US20020106679A1
; GENERAL INFORMATION:
; APPLICANT: Gatanaga, T.
```

```

; APPLICANT: Granger, G.A.
; TITLE OF INVENTION: Factors Altering Tumor Necrosis
; TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
; TITLE OF INVENTION: of Use Thereof
; NUMBER OF SEQUENCES: 154
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/984,198
; FILING DATE:
; CLASSIFICATION:
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: PCT/US99/10793
; FILING DATE:
; APPLICATION NUMBER: 09/081,385
; FILING DATE:
; APPLICATION NUMBER: 08/964,747
; FILING DATE: 05-NOV-1997
; APPLICATION NUMBER: 60/030,761
; FILING DATE: 06-NOV-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Mr. Frank
; REGISTRATION NUMBER: 41,386
; REFERENCE/DOCKET NUMBER: 22000-20577.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-984-198-40

Query Match          0.3%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1181 GAGAAAGAGAGAGAGA 1198
DB      20 GAGAGAGAGAGAGAGA 3

RESULT 341
US-10-289-762-4847
; Sequence 4847, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4847
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
; US-10-289-762-4847

Query Match          0.3%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1620 CTTGAGCTGCAGAGAGCT 1637
DB      2 CTTGATCTGCAGAGAGCT 19

RESULT 342
US-10-210-479-33/c
; Sequence 33, Application US/10210479
; Publication No. US20040023380A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR 6 EXPRESSION
; FILE REFERENCE: RTS-0385
; CURRENT APPLICATION NUMBER: US/10/210,479
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 123
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-210-479-33

Query Match          0.3%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3053 TGGCTGCTGTGCTGCTCA 3070
DB      20 TGGCGGCTGTGCTGCTCA 3

RESULT 343
US-10-210-479-101
; Sequence 101, Application US/10210479
; Publication No. US20040023380A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR 6 EXPRESSION
; FILE REFERENCE: RTS-0385
; CURRENT APPLICATION NUMBER: US/10/210,479
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 123
; SEQ ID NO 101
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION:
; US-10-210-479-101

Query Match          0.3%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3053 TGGCTGCTGTGCTGCTCA 3070
DB      1 TGGCGGCTGTGCTGCTCA 18

RESULT 344
US-10-380-124-65/c
; Sequence 65, Application US/10380124
; Publication No. US20040053874A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; US-10-380-124-65/c
```

```

; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF CLUSTERIN EXPRESSION
; FILE REFERENCE: RTS-0156
; CURRENT APPLICATION NUMBER: US/10/380,124
; CURRENT FILING DATE: 2003-03-10
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-380-124-65
```

```
Query Match          0.3%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy      2082 CTGGGTGTCCTGCTGGC 2099
Db      20  CTGGGTGTCCTGCTGGC 3
```

```
RESULT 345
US-10-292-312-14/c
; Sequence 14, Application US/10292312
; Publication No. US20040092461A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PHOSPHODIESTERASE 1B EXPRESSION
; FILE REFERENCE: RTS-0394
; CURRENT APPLICATION NUMBER: US/10/292,312
; CURRENT FILING DATE: 2002-11-11
; NUMBER OF SEQ ID NOS: 58
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-292-312-14
```

```
Query Match          0.3%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy      3987 GGCTGAGCCTGAGCTGT 4004
Db      18  GGCTGAGCCTGAGCTGT 1
```

```
RESULT 346
US-10-292-312-52
; Sequence 52, Application US/10292312
; Publication No. US20040092461A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PHOSPHODIESTERASE 1B EXPRESSION
; FILE REFERENCE: RTS-0394
; CURRENT APPLICATION NUMBER: US/10/292,312
; CURRENT FILING DATE: 2002-11-11
; NUMBER OF SEQ ID NOS: 58
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-292-312-52
```

```
Query Match          0.3%; Score 16.4; DB 1; Length 20;
```

```
Best Local Similarity 94.4%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      3987 GGCTGAGCCTGAGCTGT 4004
Db      3  GGCTGAGCCTGAGCTGT 20
```

```
RESULT 347
US-10-184-085A-166/c
; Sequence 166, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 166
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-166
```

```
Query Match          0.3%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 4.8e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy      2436 GGATGAGAGGGGAGAGG 2453
Db      18  GGATGAGAGGGGAGAGG 1
```

```
RESULT 348
US-10-184-085A-234/c
; Sequence 234, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 234
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-234
```

```
Query Match          0.3%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 4.8e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy      2437 GATGAGAGGGGAGAGT 2454
Db      21  GATGAGAGGGGAGAGT 4
```

```
RESULT 349
```



```
US-10-184-085A-827/c
; Sequence 827, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; PRIOR FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 827
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-827

Query Match      0.3%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 4.8e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2436 GGATGAGAGGGGAGAGG 2453
DB      21  GGATGAGAGGGGAGAGG 4

RESULT 350
US-10-184-085A-828/c
; Sequence 828, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; PRIOR FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 828
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-828

Query Match      0.3%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 4.8e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2436 GGATGAGAGGGGAGAGG 2453
DB      20  GGATGAGAGGGGAGAGG 3

RESULT 351
US-10-184-085A-866/c
; Sequence 866, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
```

```
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 866
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-866

Query Match      0.3%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 4.8e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2436 GGATGAGAGGGGAGAGG 2453
DB      18  GGATGAGAGGGGAGAGG 1

RESULT 352
US-10-184-085A-901/c
; Sequence 901, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; PRIOR FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 901
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-901

Query Match      0.3%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 4.8e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2436 GGATGAGAGGGGAGAGG 2453
DB      19  GGATGAGAGGGGAGAGG 2

RESULT 353
US-10-184-085A-937/c
; Sequence 937, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; PRIOR FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 937
; LENGTH: 21
```

TYPE: DNA
ORGANISM: Homo sapiens
US-10-184-085A-937

Query Match 0.3%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 4.8e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2436 GGATGGAAGGGGAGAGG 2453
DB 19 GGATGGAAGGGGAGAGG 2

RESULT 354
US-10-184-085A-973/C
Sequence 973, Application US/10184085A
Publication No. US20030152950A1
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Mina, John D.
APPLICANT: Luecke, Kevin, J.
TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 119929-1035
CURRENT APPLICATION NUMBER: US/10/184,085A
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US 60/301,370
PRIOR FILING DATE: 2001-06-27
NUMBER OF SEQ ID NOS: 1291
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 973
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-184-085A-973

Query Match 0.3%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 4.8e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2436 GGATGGAAGGGGAGAGG 2453
DB 19 GGATGGAAGGGGAGAGG 2

RESULT 355
US-09-888-326-840/C
Sequence 840, Application US/09888326
Publication No. US20030026801A1
GENERAL INFORMATION:
APPLICANT: Weiner, George
APPLICANT: Hartmann, Gunther
TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
TITLE OF INVENTION: Cell Lysis and Treating Cancer
FILE REFERENCE: C1039/7052 (AWS)
CURRENT APPLICATION NUMBER: US/09/888,326
CURRENT FILING DATE: 2001-06-22
PRIOR APPLICATION NUMBER: US 60/213,346
PRIOR FILING DATE: 2000-06-22
NUMBER OF SEQ ID NOS: 848
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 840
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Synthetic oligonucleotide
NAME/KEY: misc feature
LOCATION: (0)---(0)
OTHER INFORMATION: phosphorothioate backbone
US-09-888-326-840

Query Match 0.3%; Score 16.2; DB 1; Length 21;

Best Local Similarity 85.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5413
DB 21 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 356
US-09-912-014-2
Sequence 2, Application US/09912014
Publication No. US20030059929A1
GENERAL INFORMATION:
APPLICANT: Heller, Michael J.; and Tu, Eugene
TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING
MICROELECTRONIC SYSTEMS AND DEVICES FOR
MOLECULAR BIOLOGICAL ANALYSIS AND
DIAGNOSTICS
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth Street
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90017
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: Wordperfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/912,014
FILING DATE: 24-Jul-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/146,504
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 203/218
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-912-014-2

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 5.2e+02;
Matches 17; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 5396 AAAAAACAAAAAGAAAAT 5416
DB 1 AAAAAAAAAAAAAAAAAAAAAU 21

RESULT 357
US-09-776-479-912/C
Sequence 912, Application US/09776479
Publication No. US20030087848A1
GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
APPLICANT: Fouton, Yves
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the

```
/ TITLE OF INVENTION: Treatment of Asthma and Allergy
/ FILE REFERENCE: C1037/7013 (HCL/MAT)
/ CURRENT APPLICATION NUMBER: US/09/776,479
/ PRIOR FILING DATE: 2001-02-02
/ PRIOR APPLICATION NUMBER: US 60/179,991
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 912
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-09-776-479-912

Query Match      0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATCAGAAAAAGAAA 5413
Db 21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 358
US-09-776-479-912/c
/ Sequence 912, Application US/09776479
/ Publication No. US20040067902A9
/ GENERAL INFORMATION:
/ APPLICANT: Bratzler, Robert L.
/ APPLICANT: Petersen, Deanna M.
/ APPLICANT: Fouton, Yves
/ TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
/ FILE REFERENCE: C1037/7013 (HCL/MAT)
/ CURRENT APPLICATION NUMBER: US/09/776,479
/ PRIOR FILING DATE: 2001-02-02
/ PRIOR APPLICATION NUMBER: US 60/179,991
/ PRIOR FILING DATE: 2000-02-03
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 912
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-09-776-479-912

Query Match      0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATCAGAAAAAGAAA 5413
Db 21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 359
US-10-112-653-881/c
/ Sequence 881, Application US/10112653
/ Publication No. US20030050268A1
/ GENERAL INFORMATION:
/ APPLICANT: Kriegl, Arthur M.
/ APPLICANT: Berg, Daniel J.
/ TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
/ FILE REFERENCE: C01039/70060 (AWS)
/ CURRENT APPLICATION NUMBER: US/10/112,653
/ PRIOR FILING DATE: 2002-03-29
/ PRIOR APPLICATION NUMBER: US 60/279,642
/ PRIOR FILING DATE: 2001-03-29
```

```
/ NUMBER OF SEQ ID NOS: 1040
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 881
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-881

Query Match      0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATCAGAAAAAGAAA 5413
Db 21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 360
US-10-017-995-912/c
/ Sequence 912, Application US/10017995
/ Publication No. US20030055014A1
/ GENERAL INFORMATION:
/ APPLICANT: Bratzler, Robert L.
/ TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
/ FILE REFERENCE: C1037/7025 (HCL/MAT)
/ CURRENT APPLICATION NUMBER: US/10/017,995
/ PRIOR FILING DATE: 2001-12-18
/ PRIOR APPLICATION NUMBER: US 60/255,534
/ PRIOR FILING DATE: 2000-12-14
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 912
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-10-017-995-912

Query Match      0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATCAGAAAAAGAAA 5413
Db 21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 361
US-10-206-839-108/c
/ Sequence 108, Application US/10206839
/ Publication No. US20030099977A1
/ GENERAL INFORMATION:
/ APPLICANT: Guide, Marco
/ APPLICANT: Kutch, Janice
/ TITLE OF INVENTION: Genotyping Human Phenol Sulfotransferase
/ FILE REFERENCE: 4389-6 (formerly SEQ-16P)
/ CURRENT APPLICATION NUMBER: US/10/206,839
/ PRIOR FILING DATE: 2002-07-26
/ PRIOR APPLICATION NUMBER: 09/328,174
/ PRIOR FILING DATE: 1999-06-08
/ NUMBER OF SEQ ID NOS: 110
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 108
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: H. sapiens
/ OTHER INFORMATION:
US-10-206-839-108

Query Match      0.3%; Score 16.2; DB 1; Length 21;
```

Best Local Similarity 85.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1195 GAGAAATCAGAGAAAGGAGG 1215

DB 21 GAGAAAGCTGAGATTGGCAGG 1

RESULT 362

US-10-184-085A-247/c

; Sequence 247, Application US/10184085A

; Publication No. US20030152950A1

; GENERAL INFORMATION:

; APPLICANT: Garner, Harold R.

; APPLICANT: Minna, John D.

; APPLICANT: Luebke, Kevin, J.

; APPLICANT: Balogh, Robert P.

; TITLE OF INVENTION: Identification of Chemically Modified Polymers

; FILE REFERENCE: 119929-1035

; CURRENT APPLICATION NUMBER: US/10/184,085A

; PRIORITY FILING DATE: 2002-10-01

; PRIORITY APPLICATION NUMBER: US 60/301,370

; PRIORITY FILING DATE: 2001-06-27

; NUMBER OF SEQ ID NOS: 1291

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 247

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-184-085A-247

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2432 TCGAGATGAGAAAGGAGAG 2452

DB 21 TCGATGATGAGAGGGGAGAG 1

RESULT 363

US-10-371-066-2

; Sequence 2, Application US/10371066

; Publication No. US20030162214A1

; GENERAL INFORMATION:

; APPLICANT: Heller, Michael J.; and Tu, Eugene

; TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING

; MICROELECTRONIC SYSTEMS AND DEVICES FOR

; MOLECULAR BIOLOGICAL ANALYSIS AND

; DIAGNOSTICS

; NUMBER OF SEQUENCES: 31

; CORRESPONDENCE ADDRESS:

; ADDRESSER: Lyon & Lyon

; STREET: 611 West Sixth Street

; CITY: Los Angeles

; STATE: California

; COUNTRY: USA

; ZIP: 90017

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; COMPUTER: IBM compatible

; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)

; SOFTWARE: WordPerfect (Version 5.1)

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/10/371,066

; FILING DATE: 21-Feb-2003

; CLASSIFICATION: <Unknown>

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/146,504

; FILING DATE: No. US20030162214A1ember 1, 1993

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 203/218

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 2:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 21

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; SEQUENCE DESCRIPTION: SEQ ID NO: 2:

US-10-371-066-2

Query Match 0.3%; Score 16.2; DB 1; Length 21;

Best Local Similarity 81.0%; Pred. No. 5.2e+02;

Matches 17; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 5396 AAAATACAAAAGAAAAT 5416

DB 1 AAAAAGAAAAAGAAAAAU 21

RESULT 364

US-10-170-172-2

; Sequence 2, Application US/10170172

; Publication No. US20030190632A1

; GENERAL INFORMATION:

; APPLICANT: SOSNOMSKI, RONALD G

; APPLICANT: BUTLER, WILLIAM F

; APPLICANT: TU, EUGENE

; APPLICANT: NERENBERG, MICHAEL I

; APPLICANT: HELLER, MICHAEL J

; APPLICANT: EDMAN, CARL F

; TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING MICROELECTRONIC

; TITLE OF INVENTION: INTEGRATED SYSTEMS, COMPONENT DEVICES, MECHANISMS,

; TITLE OF INVENTION: METHODS, AND PROCEDURES FOR MOLECULAR BIOLOGICAL

; TITLE OF INVENTION: ANALYSIS AND DIAGNOSTICS

; FILE REFERENCE: DAVID B. MURPHY: Nanogen 227/194

; CURRENT APPLICATION NUMBER: US/10/170,172

; PRIORITY FILING DATE: 2002-06-11

; PRIORITY APPLICATION NUMBER: US/08/986,065

; PRIORITY FILING DATE: 1997-12-05

; NUMBER OF SEQ ID NOS: 55

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 2

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Artificial Sequence

; NAME/KEY: u

; LOCATION: (21)

; OTHER INFORMATION: Description of Artificial Sequence: Synthesized

; OTHER INFORMATION: with u at 3' terminus to provide ribonucleic acid

; OTHER INFORMATION: base for reactivity; Poly A sequence for reduced

; OTHER INFORMATION: secondary structure

US-10-170-172-2

Query Match 0.3%; Score 16.2; DB 1; Length 21;

Best Local Similarity 81.0%; Pred. No. 5.2e+02;

Matches 17; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 5396 AAAATACAAAAGAAAAT 5416

DB 1 AAAAAGAAAAAGAAAAAU 21

RESULT 365

US-10-144-179A-41/c

; Sequence 41, Application US/10144179A

; Publication No. US20030211483A1

; GENERAL INFORMATION:

; APPLICANT: Schroeder, Benjamin

```
/ APPLICANT: Chen, Calfu
/ APPLICANT: Schroth, Gary
/ TITLE OF INVENTION: Method for the Enrichment of
/ FILE REFERENCE: ABIOS.005A
/ CURRENT APPLICATION NUMBER: US/10/144,179A
/ CURRENT FILING DATE: 2002-10-01
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 41
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: oligo-dT primer
US-10-144-179A-41

Query Match          0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATTCAGAAAAAGAAA 5413
DB 21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 366
US-10-314-578-912/c
/ Sequence 912, Application US/10314578
/ Publication No. US20030212026A1
/ GENERAL INFORMATION:
/ APPLICANT: Kriegel, Arthur M.
/ APPLICANT: Schetter, Christian
/ APPLICANT: Volmer, Jörg
/ TITLE OF INVENTION: Immunostimulatory Nucleic Acids
/ FILE REFERENCE: C1039/7035 (HCL/MAT)
/ CURRENT APPLICATION NUMBER: US/10/314,578
/ CURRENT FILING DATE: 2002-12-09
/ PRIOR APPLICATION NUMBER: US 60/156,113
/ PRIOR FILING DATE: 1999-09-25
/ PRIOR APPLICATION NUMBER: US 60/156,135
/ PRIOR FILING DATE: 1999-09-27
/ PRIOR APPLICATION NUMBER: US 60/227,436
/ PRIOR FILING DATE: 2000-08-23
/ NUMBER OF SEQ ID NOS: 1145
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 912
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-10-314-578-912

Query Match          0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATTCAGAAAAAGAAA 5413
DB 21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 367
US-10-418-182-106/c
/ Sequence 106, Application US/10418182
/ Publication No. US20030228302A1
/ GENERAL INFORMATION:
/ APPLICANT: Crea, Roberto
/ TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
/ FILE REFERENCE: 1551.2001-001
/ CURRENT APPLICATION NUMBER: US/10/418,182
/ CURRENT FILING DATE: 2003-04-16
```

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/ PRIOR APPLICATION NUMBER: 60/373,558
/ PRIOR FILING DATE: 2002-04-17
/ NUMBER OF SEQ ID NOS: 423
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 106
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: oligonucleotide
US-10-418-182-106

Query Match          0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATTCAGAAAAAGAAA 5413
DB 21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 368
US-10-349-143-10355
/ Sequence 10355, Application US/10349143
/ Publication No. US20040005584A1
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSET.020CPI
/ CURRENT APPLICATION NUMBER: US/10/349,143
/ CURRENT FILING DATE: 2003-01-21
/ PRIOR APPLICATION NUMBER: US/09/422,978
/ PRIOR FILING DATE: 1999-10-20
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
/ PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 10355
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..21
/ OTHER INFORMATION: downstream amplification primer 99-11356 for SEQ 2490, in complem
US-10-349-143-10355

Query Match          0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5184 CAAATTCGGCTTCAGCGTGG 5204
DB 1 CAAATTCGGCTTCAGCATGG 21

RESULT 369
US-10-410-031-189/c
/ Sequence 189, Application US/10410031
/ Publication No. US20040010817A1
/ GENERAL INFORMATION:
/ APPLICANT: Schokey, Jay M.
/ APPLICANT: Schnurr, Judy
/ APPLICANT: Browne, John A.
/ TITLE OF INVENTION: Plant Acyl-CoA Synthetases
/ FILE REFERENCE: DOW-07654
/ CURRENT APPLICATION NUMBER: US/10/410,031
/ CURRENT FILING DATE: 2003-04-09
```

NUMBER OF SEQ ID NOS: 191
SOFTWARE: PatentIn version 3.2
SEQ ID NO 189
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-410-031-189

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 TAAATAATACAAAGAAA 5413
Db 21 TAAAAAAAAAAAAAAAAAAAA 1

RESULT 370
US-10-435-489-41/c
Sequence 41, Application US/10435489
Publication No. US20040014105A1
GENERAL INFORMATION:
APPLICANT: Schroeder, Benjamin
APPLICANT: Chen, Caifu
TITLE OF INVENTION: Methods for the Enrichment of
TITLE OF INVENTION: low-abundance Polynucleotides
FILE REFERENCE: ABIOS.005CPI
CURRENT APPLICATION NUMBER: US/10/435,489
CURRENT FILING DATE: 2003-05-09
PRIOR APPLICATION NUMBER: 10/144,179
NUMBER OF SEQ ID NOS: 64
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 41
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: oligo-dT primer
US-10-435-489-41

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 TAAATAATACAAAGAAA 5413
Db 21 TAAAAAAAAAAAAAAAAAAAA 1

RESULT 371
US-10-278-760-2/c
Sequence 2, Application US/10278760
Publication No. US20040081962A1
GENERAL INFORMATION:
APPLICANT: Chen, Caifu
APPLICANT: Schroeder, Ben
APPLICANT: Brandis, John
APPLICANT: Schroth, Gary
APPLICANT: Applied Biosystems
TITLE OF INVENTION: Methods for Synthesizing Complementary DNA
FILE REFERENCE: 1560.012US1
CURRENT APPLICATION NUMBER: US/10/278,760
CURRENT FILING DATE: 2002-10-23
NUMBER OF SEQ ID NOS: 2
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 2
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: A control primer.
US-10-278-760-2

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 TAAATAATACAAAGAAA 5413
Db 21 TAAAAAAAAAAAAAAAAAAAA 1

RESULT 372
US-10-786-720-11734
Sequence 11734, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 11734
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-11734

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 571 AAGAGAGAGAGCTGAGAGAG 591
Db 1 AAGAGAGAGAGCTGAGAGAG 21

RESULT 373
US-10-786-720-11735
Sequence 11735, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 11735
LENGTH: 21
TYPE: RNA
ORGANISM: RNAI-sense strand
US-10-786-720-11735

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 5.2e+02;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 573 GAAGAGAGAGCTGAGAGATT 593
Db 1 GAAGAGAGAGCTGAGAGAGUU 21

```
RESULT 374
US-10-786-720-11736/C
; Sequence 11736, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM1013311)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11736
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-antisense strand
US-10-786-720-11736

Query Match      0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 571 AAGAAGAGAGAGCTGAAGAG 591
DB 21 AAGAAGAGAGAGCTGAAGAG 1

RESULT 375
US-10-786-720-13933
; Sequence 13933, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM1013311)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13933
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-13933

Query Match      0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3589 CATGTTGCTCAGGCTTAATCTC 3609
DB 1 CATGTTGCTCAGGCTGCTCTC 21

RESULT 376
US-10-357-488-6
; Sequence 6, Application US/10357488
; Publication No. US20030194730A1
; GENERAL INFORMATION:
; APPLICANT: Centre For DNA Fingerprinting and Diagnostics
; TITLE OF INVENTION: No. US20030194730A1d FISSR-PCR primers and markers and a method
; TITLE OF INVENTION: primers and markers for identifying genetic constitution and bre
; TITLE OF INVENTION: varieties.
; FILE REFERENCE: 782-Indian
; CURRENT APPLICATION NUMBER: US/10/357,488
; CURRENT FILING DATE: 2003-02-04
; PRIOR APPLICATION NUMBER: 260/MAS/2002
```

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; PRIOR FILING DATE: 2002-04-08
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: A novel FISSR-PCR primer for genotyping eukaryotes
US-10-357-488-6

Query Match      0.3%; Score 16.2; DB 1; Length 22;
Best Local Similarity 85.7%; Pred. No. 5.3e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1174 GAATTCAGAGAGAGAGAGAGA 1194
DB 2 GTTAATGAGAGAGAGAGAGAGA 22

RESULT 377
US-09-803-165-12/C
; Sequence 12, Application US/09803165
; Patent No. US20020052036A1
; GENERAL INFORMATION:
; APPLICANT: Sobek, Harald
; APPLICANT: Frey, Bruno
; APPLICANT: Antreanikian, Garabed
; APPLICANT: Boehlke, Kristina
; APPLICANT: Pisanl, Francesca Maria
; APPLICANT: Rossi, Mose
; TITLE OF INVENTION: Mutant B-type DNA Polymerases Exhibiting Improved Performance 1
; FILE REFERENCE: 5328
; CURRENT APPLICATION NUMBER: US/09/803,165
; CURRENT FILING DATE: 2001-03-09
; PRIOR APPLICATION NUMBER: EP/00105155.6
; PRIOR FILING DATE: 2000-03-11
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 12
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: amplification primer
US-09-803-165-12

Query Match      0.3%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 5.4e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4406 AAAAAATGAGACTCTGTGT 4426
DB 21 ATAAAGATGAGAGCTGGAGT 1

RESULT 378
US-09-925-548-81/C
; Sequence 81, Application US/09925548
; Patent No. US20020107216A1
; GENERAL INFORMATION:
; APPLICANT: Dedhar, Shoukat
; APPLICANT: Hamigan, Greg
; APPLICANT: Yee, Arthur
; TITLE OF INVENTION: INTEGRIN-LINKED KINASE AND ITS USES
; FILE REFERENCE: KINE001CIP4
; CURRENT APPLICATION NUMBER: US/09/925,548
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 09/390,425
; PRIOR FILING DATE: 1999-09-03
; PRIOR APPLICATION NUMBER: 09/035,706
; PRIOR FILING DATE: 1998-03-05
; PRIOR APPLICATION NUMBER: 08/955,841
```

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/ PRIOR FILING DATE: 1997-10-21
/ PRIOR APPLICATION NUMBER: 08/752,345
/ PRIOR FILING DATE: 1996-11-19
/ PRIOR APPLICATION NUMBER: 60/009,074
/ PRIOR FILING DATE: 1995-12-21
/ NUMBER OF SEQ ID NOS: 97
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 81
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-925-548-81

Query Match          0.3%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3078 GGACTGCAAGAGACTTGCC 3096
DB 19 GGACTGGAAGTCTCTGCGC 1

RESULT 379
US-09-563-728A-6
/ Sequence 6, Application US/09563728A
/ Publication No. US20030078216A1
/ GENERAL INFORMATION:
/ APPLICANT: Macleod, Alan R
/ APPLICANT: Li, Zoumei
/ APPLICANT: Besterman, Jeffrey M
/ TITLE OF INVENTION: Inhibition of Histone Deacetylase
/ FILE REFERENCE: 106101.229
/ CURRENT APPLICATION NUMBER: US/09/563,728A
/ PRIOR FILING DATE: 2000-05-03
/ PRIOR APPLICATION NUMBER: 60/132,287
/ NUMBER OF SEQ ID NOS: 36
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 6
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-563-728A-6

Query Match          0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2642 TGCAGCTGCTGCTGCAGCC 2660
DB 1 TGCCTGCTGCTGCTGCGCC 19

RESULT 380
US-09-563-728A-15
/ Sequence 15, Application US/09563728A
/ Publication No. US20030078216A1
/ GENERAL INFORMATION:
/ APPLICANT: Macleod, Alan R
/ APPLICANT: Li, Zoumei
/ APPLICANT: Besterman, Jeffrey M
/ TITLE OF INVENTION: Inhibition of Histone Deacetylase
/ FILE REFERENCE: 106101.229
/ CURRENT APPLICATION NUMBER: US/09/563,728A
/ PRIOR FILING DATE: 2000-05-03
/ PRIOR APPLICATION NUMBER: 60/132,287
/ NUMBER OF SEQ ID NOS: 36
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 15
```

```
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: modified base
/ LOCATION: 1-4 and 17-20 are modified
/ OTHER INFORMATION: Positions 1-4 and 17-20 are 2'-methoxyribose
/ OTHER INFORMATION: substituted nucleotides; positions 5-16 are
US-09-563-728A-15

Query Match          0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.9e+02;
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2642 TGCAGCTGCTGCTGCAGCC 2660
DB 1 UGCTGCTGCTGCTGCTGCC 19

RESULT 381
US-09-975-123-23/c
/ Sequence 23, Application US/09975123
/ Publication No. US20030087857A1
/ GENERAL INFORMATION:
/ APPLICANT: Susan M. Freier
/ TITLE OF INVENTION: ANTISENSE MODULATION OF INSULIN-LIKE GROWTH FACTOR BINDING PROTEI
/ FILE REFERENCE: RTS-0253
/ CURRENT APPLICATION NUMBER: US/09/975,123
/ CURRENT FILING DATE: 2001-10-09
/ NUMBER OF SEQ ID NOS: 43
/ SEQ ID NO 23
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense oligonucleotide
US-09-975-123-23

Query Match          0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1634 AGCTGCCCCAGTCCAGGT 1652
DB 19 AGCTGACCCAGTCCAGTT 1

RESULT 382
US-09-993-731-82/c
/ Sequence 82, Application US/09993731
/ Publication No. US20030105040A1
/ GENERAL INFORMATION:
/ APPLICANT: Brett P. Monia
/ APPLICANT: Andrew T. Watt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B-R EXPRESSION
/ FILE REFERENCE: RTS-0302
/ CURRENT APPLICATION NUMBER: US/09/993,731
/ CURRENT FILING DATE: 2001-11-13
/ NUMBER OF SEQ ID NOS: 89
/ SEQ ID NO 82
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense oligonucleotide
US-09-993-731-82

Query Match          0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```


QY 2642 TGCAGCTGCTGTCAGACC 2660
|||||
DB 20 TGCAGCTGAGGCTGCGAGCC 2

RESULT 383
US-10-067-125-62/c
; Sequence 62, Application US/10067125
; Publication No. US20030055015A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda F.
; APPLICANT: Cowser, Lex M.
; APPLICANT: Monia, Brett P.
; APPLICANT: Xu, Xiaoxing S.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
; FILE REFERENCE: ISPH-0321
; CURRENT APPLICATION NUMBER: US/10/067,125
; PRIOR FILING DATE: 2002-02-04
; PRIOR APPLICATION NUMBER: 09/167,109
; PRIOR FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 228
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-067-125-62

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1811 GCAGCCAGCCACAGCCGGC 1829
|||||
DB 19 GCAGCCAGCCAGCCGGC 1

RESULT 384
US-10-145-493B-51
; Sequence 51, Application US/10145493B
; Publication No. US20030096777A1
; GENERAL INFORMATION:
; APPLICANT: Besterman, Jeffrey
; APPLICANT: MacLeod, Robert
; APPLICANT: Siders, William
; TITLE OF INVENTION: Modulation of Gene Expression by Combination Therapy
; FILE REFERENCE: MET-015DV
; CURRENT APPLICATION NUMBER: US/10/145,493B
; PRIOR FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: 09/420,692
; PRIOR FILING DATE: 1999-10-19
; PRIOR APPLICATION NUMBER: US 60/104,804
; PRIOR FILING DATE: 1998-10-19
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-145-493B-51

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2642 TGCAGCTGCTGTCAGACC 2660
|||||
DB 1 TGCAGCTGCTGTCAGACC 19

RESULT 385
US-10-371-474-63/c
; Sequence 63, Application US/10371474
; Publication No. US20030144242A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: William Gaarde
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF MEK4 EXPRESSION
; FILE REFERENCE: RTS-0169
; CURRENT APPLICATION NUMBER: US/10/371,474
; PRIOR FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: US/09/676,436
; PRIOR FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-371-474-63

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2641 CTGAGCTGCTGCTGCGC 2659
|||||
DB 19 CTGAGCTGCTGCTGCTGC 1

RESULT 386
US-10-238-442-65
; Sequence 65, Application US/10238442
; Publication No. US20030176383A1
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Gaarde, William A.
; APPLICANT: Nery, Pamela S.
; APPLICANT: McKay, Robert
; TITLE OF INVENTION: Antisense Modulation of p38 Mitogen
; TITLE OF INVENTION: Activated Protein Kinase Expression
; FILE REFERENCE: ISPH-0488
; CURRENT APPLICATION NUMBER: US/10/238,442
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: 09/640,101
; PRIOR FILING DATE: 2000-08-15
; PRIOR APPLICATION NUMBER: 09/286,904
; PRIOR FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-238-442-65

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2639 CCTGAGCTGCTGCTGCA 2657
|||||
DB 1 CCTGAGCTGCTGCTGCA 19

RESULT 387
US-10-160-786-51/c
; Sequence 51, Application US/10160786

```
/ Publication No. US20030225013A1
/ GENERAL INFORMATION:
/ APPLICANT: Susan M. Freier
/ APPLICANT: Kenneth W. Dobie
/ TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOINOSITIDE-3-KINASE, REGULATORY SUBSTRATE
/ FILE REFERENCE: RTS-0376
/ CURRENT APPLICATION NUMBER: US/10/160,786
/ CURRENT FILING DATE: 2002-05-31
/ NUMBER OF SEQ ID NOS: 147
/ SEQ ID NO 51
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-786-51

Query Match          0.3% Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 376 GGTGCCCTGGGATTTATCA 394
DB 20 GGTGCCCTGGGATTTATCA 2

RESULT 388
US-10-160-786-119
/ Sequence 119, Application US/10160786
/ Publication No. US20030225013A1
/ GENERAL INFORMATION:
/ APPLICANT: Susan M. Freier
/ APPLICANT: Kenneth W. Dobie
/ TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOINOSITIDE-3-KINASE, REGULATORY SUBSTRATE
/ FILE REFERENCE: RTS-0376
/ CURRENT APPLICATION NUMBER: US/10/160,786
/ CURRENT FILING DATE: 2002-05-31
/ NUMBER OF SEQ ID NOS: 147
/ SEQ ID NO 119
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: H. sapiens
/ FEATURE:
US-10-160-786-119

Query Match          0.3% Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 376 GGTGCCCTGGGATTTATCA 394
DB 1 GGTGCCCTGGGATTTATCA 19

RESULT 389
US-10-309-775A-72/c
/ Sequence 72, Application US/10309775A
/ Publication No. US20040006032A1
/ GENERAL INFORMATION:
/ APPLICANT: LOPEZ, Ricardo A.
/ TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
/ FILE REFERENCE: 2901/0M327
/ CURRENT APPLICATION NUMBER: US/10/309,775A
/ CURRENT FILING DATE: 2002-12-04
/ PRIOR APPLICATION NUMBER: CA 2,388,049
/ NUMBER OF SEQ ID NOS: 74
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 72
/ LENGTH: 20
/ TYPE: DNA

/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: PCR primer
US-10-309-775A-72

Query Match          0.3% Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5403 AAAAAAGAAAAATGAAA 5421
DB 19 AAAAAAGAAAAATGAAA 1

RESULT 390
US-10-210-290-22
/ Sequence 22, Application US/10210290
/ Publication No. US20040023378A1
/ GENERAL INFORMATION:
/ APPLICANT: Ming-Yi Chiang
/ APPLICANT: Eric G. Marcussen
/ APPLICANT: Kenneth W. Dobie
/ TITLE OF INVENTION: ANTISENSE MODULATION OF KIAA1531 PROTEIN EXPRESSION
/ FILE REFERENCE: RTS-0367
/ CURRENT APPLICATION NUMBER: US/10/210,290
/ CURRENT FILING DATE: 2002-07-31
/ NUMBER OF SEQ ID NOS: 134
/ SEQ ID NO 22
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-290-22

Query Match          0.3% Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2318 CCATCATCTCCACCTTCTT 2336
DB 2 CCATCATCTCCACCTTCTT 20

RESULT 391
US-10-210-290-97/c
/ Sequence 97, Application US/10210290
/ Publication No. US20040023378A1
/ GENERAL INFORMATION:
/ APPLICANT: Ming-Yi Chiang
/ APPLICANT: Eric G. Marcussen
/ APPLICANT: Kenneth W. Dobie
/ TITLE OF INVENTION: ANTISENSE MODULATION OF KIAA1531 PROTEIN EXPRESSION
/ FILE REFERENCE: RTS-0367
/ CURRENT APPLICATION NUMBER: US/10/210,290
/ CURRENT FILING DATE: 2002-07-31
/ NUMBER OF SEQ ID NOS: 134
/ SEQ ID NO 97
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: H. sapiens
/ FEATURE:
US-10-210-290-97

Query Match          0.3% Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2318 CCATCATCTCCACCTTCTT 2336
DB 19 CCATCATCTCCACCTTCTT 1
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RESULT 392
US-10-380-126-38
; Sequence 38, Application US/10380126
; Publication No. US20040029824A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-1 EXPRESSION
; FILE REFERENCE: RSP-0175
; CURRENT APPLICATION NUMBER: US/10/380,126
; CURRENT FILING DATE: 2003-03-10
; PRIOR APPLICATION NUMBER: 09/657,042
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-380-126-38

Query Match      0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2641 CTGCAGCTGCTGCTGCAGC 2659
DB      2   CTGAGCTGCTGCTGCGGC 20

RESULT 393
US-10-320-893-1/c
; Sequence 1, Application US/10320893
; Publication No. US20040053254A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Lawrence J.
; APPLICANT: Pierce, Kenneth
; APPLICANT: Hartshorn, Cristina
; APPLICANT: Rice, John
; APPLICANT: Sanchez, J. Aquiles
; TITLE OF INVENTION: LATE-PCR
; FILE REFERENCE: 08609-013001
; CURRENT APPLICATION NUMBER: US/10/320,893
; CURRENT FILING DATE: 2002-12-17
; PRIOR APPLICATION NUMBER: US 60/341,886
; PRIOR FILING DATE: 2001-12-19
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-320-893-1

Query Match      0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      909 CCAGGGCTCAGAGAGAGG 927
DB      19   CCAGGGGCGAGAGAGAGG 1

RESULT 394
US-10-667-022-51/c
; Sequence 51, Application US/10667022
; Publication No. US20040063657A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHINOSITIDE-3-KINASE, REGULATORY SUB
; FILE REFERENCE: RTS-0376
; CURRENT APPLICATION NUMBER: US/10/667,022
; CURRENT FILING DATE: 2003-09-18
; NUMBER OF SEQ ID NOS: 147
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-667-022-51

Query Match      0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      376 GGTGCCCTGGGATTATTA 394
DB      20   GGTGCCGTGGGATTATCA 2

RESULT 395
US-10-667-022-119
; Sequence 119, Application US/10667022
; Publication No. US20040063657A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHINOSITIDE-3-KINASE, REGULATORY SUB
; FILE REFERENCE: RTS-0376
; CURRENT APPLICATION NUMBER: US/10/667,022
; CURRENT FILING DATE: 2003-09-18
; NUMBER OF SEQ ID NOS: 147
; SEQ ID NO 119
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION:
US-10-667-022-119

Query Match      0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      376 GGTGCCCTGGGATTATTA 394
DB      1   GGTGCCGTGGGATTATCA 19

RESULT 396
US-10-210-802-22
; Sequence 22, Application US/10210802
; Publication No. US20040087523A1
; GENERAL INFORMATION:
; APPLICANT: Ming-Yi Chiang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF KIAA1531 PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0367
; CURRENT APPLICATION NUMBER: US/10/210,802
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-802-22
```


Best Local Similarity 89.5%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 245 CCTGCTGCGCCCGGACCC 263

DB 19 CCTGCTGCGCCCGGACCC 1

RESULT 402

US-10-449-741B-32/C
Sequence 32, Application US/10449741B
Publication No. US20040142387A1
GENERAL INFORMATION:
APPLICANT: LERNMARK, Ake
APPLICANT: LUIO, Dong
APPLICANT: MACHURRAY, Armand
APPLICANT: ETTINGER, Ruth
APPLICANT: MORALEJO, Daniel
APPLICANT: RUTLEDGE, Elizabeth A.
TITLE OF INVENTION: MUTANTS OF GAD65 AND IAN5 RELATING TO DIABETES
FILE REFERENCE: 16336-19
CURRENT APPLICATION NUMBER: US/10/449,741B
PRIOR FILING DATE: 2003-05-29
PRIOR APPLICATION NUMBER: US 60/383,913
PRIOR FILING DATE: 2002-05-29
NUMBER OF SEQ ID NOS: 38
SOFTWARE: PatentIn version 3.1
SEQ ID NO 32
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR Primer
US-10-449-741B-32

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 572 AGAAGAGGAGCTGGAAGA 590

DB 19 AGAAGAGGAGCTGGAAGA 1

RESULT 403

US-10-641-455A-65
Sequence 65, Application US/10641455A
Publication No. US20040171566A1
GENERAL INFORMATION:
APPLICANT: Monla, Brett P.
APPLICANT: Gaarde, William A.
APPLICANT: Nero, Pamela S.
APPLICANT: McKay, Robert
APPLICANT: Popoff, Ian
APPLICANT: Wong, Mai Shiu Fred
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen
TITLE OF INVENTION: Activated Protein Kinase Expression
FILE REFERENCE: ISFH-0762
CURRENT APPLICATION NUMBER: US/10/641,455A
PRIOR FILING DATE: 2003-08-15
PRIOR APPLICATION NUMBER: US 10/238,442
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 09/640,101
PRIOR FILING DATE: 2000-08-15
PRIOR APPLICATION NUMBER: US 09/286,904
PRIOR FILING DATE: 1999-04-06
NUMBER OF SEQ ID NOS: 266
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 65
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: antisense sequence
US-10-641-455A-65

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2639 CCTGCACTGCTGCTGCA 2657

DB 1 CCTGCACTGCTGCTGCA 19

RESULT 404

US-09-888-326-240
Sequence 240, Application US/09888326
Publication No. US20030026801A1
GENERAL INFORMATION:
APPLICANT: Weiner, George
APPLICANT: Hartmann, Gunther
TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
TITLE OF INVENTION: Cell lysis and Treating Cancer
FILE REFERENCE: C1039/7052 (AMS)
CURRENT APPLICATION NUMBER: US/09/888,326
PRIOR FILING DATE: 2001-06-22
PRIOR APPLICATION NUMBER: US 60/213,346
PRIOR FILING DATE: 2000-06-22
NUMBER OF SEQ ID NOS: 848
SOFTWARE: PatSeq for Windows Version 3.0
SEQ ID NO 240
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide
NAME/KEY: misc_feature
LOCATION: (0)...(0)
OTHER INFORMATION: phosphorothioate backbone
US-09-888-326-240

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2641 CTGCAGCTGCTGCTGAGC 2659

DB 1 CTGCAGCTGCTGCTGAGC 19

RESULT 405

US-09-938-689-26
Sequence 26, Application US/09938689
Publication No. US20030028911A1
GENERAL INFORMATION:
APPLICANT: Huang, Manley
APPLICANT: Harding, Fiona
TITLE OF INVENTION: TRANSGENIC MAMMAL CAPABLE OF FACILITATING PRODUCTION OF
TITLE OF INVENTION: DONOR-SPECIFIC FUNCTIONAL IMMUNITY
FILE REFERENCE: 9342-028
CURRENT APPLICATION NUMBER: US/09/938,689
PRIOR FILING DATE: 2001-08-23
PRIOR APPLICATION NUMBER: 09/651,361
PRIOR FILING DATE: 2000-08-30
PRIOR APPLICATION NUMBER: 60/151,688
PRIOR FILING DATE: 1999-08-31
NUMBER OF SEQ ID NOS: 72
SOFTWARE: PatentIn version 3.0
SEQ ID NO 26
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
US-09-938-689-26

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2434 GAGATGAGAGCGGAGAG 2452

DB 1 GATGCTGAGAGCGGAGAG 19

RESULT 406

US-09-932-300-8
; Sequence 8, Application US/09932300
; Publication No. US20030032788A1
; GENERAL INFORMATION:
; APPLICANT: GARVER, Eric
; APPLICANT: TU, Guang-chou
; APPLICANT: ISRAEL, Yedy
; TITLE OF INVENTION: METHODS OF INHIBITTING ALCOHOL CONSUMPTION
; FILE REFERENCE: 9855-302
; CURRENT APPLICATION NUMBER: US/09/932,300
; PRIOR FILING DATE: 2001-08-20
; PRIOR APPLICATION NUMBER: US 60/051,705
; PRIOR FILING DATE: 1997-07-03
; PRIOR APPLICATION NUMBER: US 09/109,663
; NUMBER OF SEQ ID NOS: 111
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Candidate
US-09-932-300-8

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 60 TGGCTTGAAGCCCAT 78

DB 3 TGAATTCGAAAGCCCAT 21

RESULT 407

US-09-776-479-780
; Sequence 780, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fournon, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 780
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-780

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 6e+02;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2641 CTGCAGCTGCTGCTGCAC 2659

DB 1 CTGCTGCTGCTGCTGCTGC 19

RESULT 408

US-09-776-479-780
; Sequence 780, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fournon, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 780
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-780

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2641 CTGCAGCTGCTGCTGCAC 2659

DB 1 CTGCTGCTGCTGCTGCTGC 19

RESULT 409

US-10-112-653-753
; Sequence 753, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; PRIOR FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 753
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-112-653-753

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2641 CTGCAGCTGCTGCTGCAC 2659

DB 1 CTGCTGCTGCTGCTGCTGC 19

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

RESULT 410
US-10-085-906-446
Sequence 446, Application US/10085906
Publication No. US20030054371A1
GENERAL INFORMATION:
APPLICANT: ying, Vincent
APPLICANT: Wu, Paul
APPLICANT: Gray, Gary S.
TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
FILE REFERENCE: GNN-5343CP2
CURRENT APPLICATION NUMBER: US/10/085,906
CURRENT FILING DATE: 2002-02-27
PRIOR APPLICATION NUMBER: US 60/126,215
PRIOR FILING DATE: 1999-03-25
PRIOR APPLICATION NUMBER: US 09/534,061
PRIOR FILING DATE: 2000-03-24
PRIOR APPLICATION NUMBER: PCT/US00/07938
PRIOR FILING DATE: 2000-03-24
NUMBER OF SEQ ID NOS: 545
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 446
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-085-906-446

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5412 AAAATGAAATTAAGCAAT 5430
DB 1 AAAAAAAAAATAAGCAAT 19

RESULT 411
US-10-017-995-780
Sequence 780, Application US/10017995
Publication No. US20030055014A1
GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
FILE REFERENCE: C1037/7025 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/017,995
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 60/255,534
PRIOR FILING DATE: 2000-12-14
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 780
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-10-017-995-780

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2641 CTGCAGCTGCTGCTGCAGC 2659
DB 1 CTGCCTGCTGCTGCTGCTGC 19

RESULT 412
US-10-184-085A-163/c
Sequence 163, Application US/10184085A
Publication No. US20030152950A1
GENERAL INFORMATION:

APPLICANT: Garner, Harold R.
APPLICANT: Minna, John D.
APPLICANT: Luebke, Kevin, J.
APPLICANT: Balog, Robert P.
TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 119929-1035
CURRENT APPLICATION NUMBER: US/10/184,085A
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US 60/301,370
PRIOR FILING DATE: 2001-06-27
NUMBER OF SEQ ID NOS: 1291
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 163
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-184-085A-163

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2436 GGATGAGAGGAGAGGT 2454
DB 21 GGATGAGAGGAGAGGT 3

RESULT 413
US-10-184-085A-164/c
Sequence 164, Application US/10184085A
Publication No. US20030152950A1
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Minna, John D.
APPLICANT: Luebke, Kevin, J.
APPLICANT: Balog, Robert P.
TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 119929-1035
CURRENT APPLICATION NUMBER: US/10/184,085A
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US 60/301,370
PRIOR FILING DATE: 2001-06-27
NUMBER OF SEQ ID NOS: 1291
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 164
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-184-085A-164

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2436 GGATGAGAGGAGAGGT 2454
DB 20 GGATGAGAGGAGAGGT 2

RESULT 414
US-10-184-085A-199/c
Sequence 199, Application US/10184085A
Publication No. US20030152950A1
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Minna, John D.
APPLICANT: Luebke, Kevin, J.
APPLICANT: Balog, Robert P.
TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 119929-1035
CURRENT APPLICATION NUMBER: US/10/184,085A
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US 60/301,370

/ PRIOR FILING DATE: 2001-06-27
/ NUMBER OF SEQ ID NOS: 1291
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 199
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-184-085A-199

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2436 GGATGAGAAGGGGAGAGGT 2454

DB 21 GGATGAGAAGGGGAGAGGT 3

RESULT 415
US-10-184-085A-200/c
/ Sequence 200, Application US/10184085A
/ Publication No. US20030152950A1
/ GENERAL INFORMATION:
/ APPLICANT: Garner, Harold R.
/ APPLICANT: Minna, John D.
/ APPLICANT: Luebke, Kevin, J.
/ APPLICANT: Balog, Robert P.
/ TITLE OF INVENTION: Identification of Chemically Modified Polymers
/ FILE REFERENCE: 119929-1035
/ CURRENT APPLICATION NUMBER: US/10/184,085A
/ PRIOR FILING DATE: 2002-10-01
/ PRIOR APPLICATION NUMBER: US 60/301,370
/ PRIOR FILING DATE: 2001-06-27
/ NUMBER OF SEQ ID NOS: 1291
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 200
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-184-085A-200

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2436 GGATGAGAAGGGGAGAGGT 2454

DB 20 GGATGAGAAGGGGAGAGGT 2

RESULT 416
US-10-184-085A-271/c
/ Sequence 271, Application US/10184085A
/ Publication No. US20030152950A1
/ GENERAL INFORMATION:
/ APPLICANT: Garner, Harold R.
/ APPLICANT: Minna, John D.
/ APPLICANT: Luebke, Kevin, J.
/ APPLICANT: Balog, Robert P.
/ TITLE OF INVENTION: Identification of Chemically Modified Polymers
/ FILE REFERENCE: 119929-1035
/ CURRENT APPLICATION NUMBER: US/10/184,085A
/ PRIOR FILING DATE: 2002-10-01
/ PRIOR APPLICATION NUMBER: US 60/301,370
/ PRIOR FILING DATE: 2001-06-27
/ NUMBER OF SEQ ID NOS: 1291
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 271
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-184-085A-271

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2436 GGATGAGAAGGGGAGAGGT 2454

DB 21 GGATGAGAAGGGGAGAGGT 3

RESULT 417
US-10-184-085A-272/c
/ Sequence 272, Application US/10184085A
/ Publication No. US20030152950A1
/ GENERAL INFORMATION:
/ APPLICANT: Garner, Harold R.
/ APPLICANT: Minna, John D.
/ APPLICANT: Luebke, Kevin, J.
/ APPLICANT: Balog, Robert P.
/ TITLE OF INVENTION: Identification of Chemically Modified Polymers
/ FILE REFERENCE: 119929-1035
/ CURRENT APPLICATION NUMBER: US/10/184,085A
/ PRIOR FILING DATE: 2002-10-01
/ PRIOR APPLICATION NUMBER: US 60/301,370
/ PRIOR FILING DATE: 2001-06-27
/ NUMBER OF SEQ ID NOS: 1291
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 272
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-184-085A-272

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2436 GGATGAGAAGGGGAGAGGT 2454

DB 20 GGATGAGAAGGGGAGAGGT 2

RESULT 418
US-10-235-079B-7
/ Sequence 7, Application US/10235079B
/ Publication No. US20030152959A1
/ GENERAL INFORMATION:
/ APPLICANT: Mertz E., Janet
/ APPLICANT: Johnston D., Stephen
/ APPLICANT: Kraus J., Richard
/ APPLICANT: Ariazi A., Eric
/ TITLE OF INVENTION: Method of Using Estrogen-Related Receptor Alpha (ERR
/ TITLE OF INVENTION: alpha) Status to Determine Prognosis, Treatment
/ TITLE OF INVENTION: Strategy and Predilection to Breast Cancer, and
/ TITLE OF INVENTION: Method of Using ERR alpha as a Therapeutic Target
/ FILE REFERENCE: 960296.99209
/ CURRENT APPLICATION NUMBER: US/10/235,079B
/ PRIOR FILING DATE: 2000-01-20
/ PRIOR APPLICATION NUMBER: 09/488,730
/ PRIOR FILING DATE: 2000-01-20
/ PRIOR APPLICATION NUMBER: 09/031,250
/ PRIOR FILING DATE: 1998-02-26
/ PRIOR APPLICATION NUMBER: 60/033,808
/ PRIOR FILING DATE: 1997-02-27
/ NUMBER OF SEQ ID NOS: 83
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 7
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
US-10-235-079B-7

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2720 AAGTGATGCGCCATTTCGA 2738
DB 2 AAGTGCTGGCCCATTTCTA 20

RESULT 419
US-10-096-578-45
Sequence 45, Application US/10096578
Publication No. US20030165874A1
GENERAL INFORMATION:

APPLICANT: Leppert, Mark F.
APPLICANT: Singh, Nanda
APPLICANT: Charlier, Carole
TITLE OF INVENTION: KCNQ2 AND KCNQ3 - POTASSIUM CHANNEL GENES WHICH ARE
TITLE OF INVENTION: MUTATED IN BENIGN FAMILIAL NEONATAL CONVULSIONS (BFNC)
TITLE OF INVENTION: AND OTHER EPILEPSIES
FILE REFERENCE: 2323-160
CURRENT APPLICATION NUMBER: US/10/096,578
CURRENT FILING DATE: 2002-03-14
PRIOR APPLICATION NUMBER: US 09/177,650
PRIOR FILING DATE: 1998-10-23
PRIOR APPLICATION NUMBER: US 60/063,147
PRIOR FILING DATE: 1997-10-24
NUMBER OF SEQ ID NOS: 129
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 45
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-096-578-45

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2831 TTGAGGCGAGCGACACAG 2849
DB 1 TTGACGCGAGCGACACAG 19

RESULT 420
US-10-314-578-780
Sequence 780, Application US/10314578
Publication No. US20030212026A1
GENERAL INFORMATION:

APPLICANT: Kriegl, Arthur M.
APPLICANT: Schetter, Christian
APPLICANT: Volmer, Jörg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCl/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR FILING DATE: 2000-08-23
NUMBER OF SEQ ID NOS: 1145
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 780
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE: OTHER INFORMATION: Synthetic Sequence
US-10-314-578-780

Query Match 0.3%; Score 15.8; DB 1; Length 21;

Best Local Similarity 89.5%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2641 CTGCACTGCTGCTGCGACG 2659
DB 1 CTGCTGCTGCTGCTGCTGC 19

RESULT 421
US-10-388-263-920
Sequence 920, Application US/10388263
Publication No. US20030228597A1
GENERAL INFORMATION:

APPLICANT: Coswert, Lex M.
APPLICANT: Baker, Brenda F.
APPLICANT: McNeil, John
APPLICANT: Freiler, Susan M.
APPLICANT: Sasmor, Henri M.
APPLICANT: Brooks, Douglas G.
APPLICANT: Ohsahl, Cara
APPLICANT: Wyatt, Jacqueline R.
APPLICANT: Borchers, Alexander
APPLICANT: Vickers, Timothy A.
TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
FILE REFERENCE: ISIS-4503
CURRENT APPLICATION NUMBER: US/10/388,263
CURRENT FILING DATE: 2003-03-12
NUMBER OF SEQ ID NOS: 947
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 920
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE: OTHER INFORMATION: Oligomeric Compound
US-10-388-263-920

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2240 CTCTGCTGCTGAGGGCAT 2258
DB 2 CTCTGCTGCTGAGGAGAT 20

RESULT 422
US-10-173-208-6
Sequence 6, Application US/10173208
Publication No. US20030232435A1
GENERAL INFORMATION:

APPLICANT: Kenneth W. Doble
TITLE OF INVENTION: ANTISENSE MODULATION OF ANYLOID BETA PROTEIN PRECURSOR EXPRESSION
FILE REFERENCE: HTS-0023
CURRENT APPLICATION NUMBER: US/10/173,208
CURRENT FILING DATE: 2002-06-14
NUMBER OF SEQ ID NOS: 78
SEQ ID NO 6
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE: OTHER INFORMATION: PCR Primer
US-10-173-208-6

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5170 CACAGGCTGAGCCCAAAA 5188
||||| ||| |||||||||

Db 1 CACAGAGTCAGCCCCAAAA 19

RESULT 423

US-10-252-155-418/c
; Sequence 418, Application US/10252155
; Publication No. US20040068096A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS IN ORGANIC ANION TRANSPORT
; TITLE OF INVENTION: MULTI-DRUG RESISTANT PROTEINS
; FILE REFERENCE: D0152 NP
; CURRENT APPLICATION NUMBER: US/10/252,155
; CURRENT FILING DATE: 2002-09-20
; PRIOR APPLICATION NUMBER: US 60/324,172
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: US 60/333,700
; PRIOR FILING DATE: 2001-11-27
; NUMBER OF SEQ ID NOS: 783
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 418
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-252-155-418

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1174 GAAATCAGAGAAAGAGAGA 1192

Db 20 GAAAGCAGAGAAAGAGGGA 2

RESULT 424

US-10-252-155-419/c
; Sequence 419, Application US/10252155
; Publication No. US20040068096A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS IN ORGANIC ANION TRANSPORT
; TITLE OF INVENTION: MULTI-DRUG RESISTANT PROTEINS
; FILE REFERENCE: D0152 NP
; CURRENT APPLICATION NUMBER: US/10/252,155
; CURRENT FILING DATE: 2002-09-20
; PRIOR APPLICATION NUMBER: US 60/324,172
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: US 60/333,700
; PRIOR FILING DATE: 2001-11-27
; NUMBER OF SEQ ID NOS: 783
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 419
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-252-155-419

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1174 GAAATCAGAGAAAGAGAGA 1192

Db 20 GAAAGCAGAGAAAGAGGGA 2

RESULT 425

US-10-646-436-27
; Sequence 27, Application US/10646436
; Publication No. US20040096882A1
; GENERAL INFORMATION:
; APPLICANT: Vansen, Burkhard

; APPLICANT: Gleeve, Martin
; APPLICANT: Signaevsky, Maxim
; APPLICANT: Beraldi, Eliana
; APPLICANT: Trougakos, Ioannis
; APPLICANT: Gonos, Efethios
; TITLE OF INVENTION: RNAi Probes Targeting Cancer-Related Proteins
; FILE REFERENCE: UBC-P-030
; CURRENT APPLICATION NUMBER: US/10/646,436
; CURRENT FILING DATE: 2003-08-21
; PRIOR APPLICATION NUMBER: US 60/405,193
; PRIOR FILING DATE: 2002-08-21
; PRIOR APPLICATION NUMBER: US 60/408,152
; PRIOR FILING DATE: 2002-09-03
; PRIOR APPLICATION NUMBER: US 60/473,387
; PRIOR FILING DATE: 2003-05-20
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn version 3.12
; SEQ ID NO 27
; LENGTH: 21
; TYPE: DNA
; ORGANISM: artificial

OTHER INFORMATION: RNAi for human IGFBP-5
US-10-646-436-27

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 6e+02;
Matches 15; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1634 AGCTGCCCCAGTCCAGGT 1652

Db 3 AGCTGACCCAGTCCAGTT 21

RESULT 426

US-10-654-253-13
; Sequence 13, Application US/10654253
; Publication No. US20040142490A1
; GENERAL INFORMATION:
; APPLICANT: Ariazi, Eric A.
; APPLICANT: Meritz, Janet B.
; TITLE OF INVENTION: METHOD OF USING ESTROGEN-RELATED RECEPTOR GAMMA (ERRGAMMA) STATUS
; TITLE OF INVENTION: TO DETERMINE PROGNOSIS AND TREATMENT STRATEGY FOR BREAST CANCER,
; TITLE OF INVENTION: METHOD OF USING ERRGAMMA AS A THERAPEUTIC TARGET FOR TREATING
; TITLE OF INVENTION: BREAST CANCER, METHOD OF USING ERRGAMMA TO DIAGNOSE BREAST
; TITLE OF INVENTION: CANCER, AND METHOD OF USING ERRGAMMA TO IDENTIFY INDIVIDUALS
; FILE REFERENCE: 960296.99101
; CURRENT APPLICATION NUMBER: US/10/654,253
; CURRENT FILING DATE: 2003-09-03
; PRIOR APPLICATION NUMBER: 60/408,400
; PRIOR FILING DATE: 2002-09-05
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic PCR primer
US-10-654-253-13

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2720 AAGTGATGCCCATTTGCA 2738

Db 2 AAGTCTGCCCCATTTCTA 20

RESULT 427

US-10-786-720-1498/c

```
; Sequence 1498, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1498
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-1498

Query Match      0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 6e+02; 2; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 2;

QY      1135 CATGCGCTCTGGATGAAA 1153
DB      21 CACTGCGCTCTGGAGGAAA 3

RESULT 428
US-10-786-720-1499/c
; Sequence 1499, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1499
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-sense strand
US-10-786-720-1499

Query Match      0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 6e+02; 2; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 2;

QY      1135 CATGCGCTCTGGATGAAA 1153
DB      19 CACTGCGCTCTGGAGGAAA 1

RESULT 429
US-10-786-720-1500
; Sequence 1500, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; APPLICANT: Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
```

```
; SEQ ID NO 1500
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-antisense strand
US-10-786-720-1500

Query Match      0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 73.7%; Pred. No. 6e+02; 2; Indels 0; Gaps 0;
Matches 14; Conservative 3; Mismatches 2;

QY      1135 CATGCGCTCTGGATGAAA 1153
DB      1 CACUGGCTCTGGAGGAAA 19

RESULT 430
US-10-786-720-12049/c
; Sequence 12049, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; APPLICANT: Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12049
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-12049

Query Match      0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 6e+02; 2; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 2;

QY      2964 CCTAAGTGAACACTGCGTG 2982
DB      19 CCTAGTGAACACTGCGTG 1

RESULT 431
US-10-809-757-3
; Sequence 3, Application US/10809757
; Publication No. US2004019182A1
; GENERAL INFORMATION:
; APPLICANT: Yates, Charles R.
; APPLICANT: Miller, Duane
; APPLICANT: Gourley, Dick
; APPLICANT: Song, Pengfei
; TITLE OF INVENTION: Real-Time Polymerase Chain Reaction-
; TITLE OF INVENTION: Based Genotyping Assay for Single
; TITLE OF INVENTION: Nucleotide Polymorphism
; FILE REFERENCE: D6502
; CURRENT APPLICATION NUMBER: US/10/809,757
; CURRENT FILING DATE: 2004-03-25
; PRIOR APPLICATION NUMBER: US 60/457,512
; PRIOR FILING DATE: 2003-03-25
; NUMBER OF SEQ ID NOS: 16
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: primer bind
; OTHER INFORMATION: 3435R primer sequence for MDR1 genotyping
US-10-809-757-3

Query Match      0.3%; Score 15.8; DB 1; Length 21;
```

Best Local Similarity 89.5%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0

```

QY      1720 TCTAGGCCAGAGCGGCTGC 1738
          | ||||| |||||
Db      3 TATAGGCCAGAGAGGCTGC 21

```

RESULT 432
US-10-809-

```

US-10-809-757-10
: Sequence 10, Application US/10809757
: Publication No. US20040191822A1
: GENERAL INFORMATION:
: APPLICANT: Yates, Charles R.
: APPLICANT: Miller, Duane
: APPLICANT: Gourley, Dick
: APPLICANT: Song, Pengfei
: TITLE OF INVENTION: Real-time Polymerase Chain Reaction
: TITLE OF INVENTION: Based Genotyping Assay for Single
: TITLE OF INVENTION: Nucleotide Polymorphism
: FILE REFERENCE: D6502
: CURRENT APPLICATION NUMBER: US/10/809,757
: CURRENT FILING DATE: 2004-03-25
: PRIOR APPLICATION NUMBER: US 60/457,512
: PRIOR FILING DATE: 2003-03-25
: NUMBER OF SEQ ID NOS: 16
: SEQ ID NO 10
: LENGTH: 21
: TYPE: DNA
: ORGANISM: Artificial sequence
FEATURE:
: NAME/KEY: primer bind
: OTHER INFORMATION: antisense primer for sequencing the
: OTHER INFORMATION: C3435T locus
US-10-809-757-10

```

Query Match	0.3%	Score 15.8;	DB 1;	Length 21;
Best Local Similarity	89.5%	Pred. No. 6e+02;		
Matches 17; Conservative	0;	Mismatches 2;	Indels 0;	Gaps 0

QY 1720 TCTAGGCCAGAGCGGCTGC 1738
| | | | | | | | | |
Db 3 TATAGGCCAGAGAGGCTGC 21

RESULT 433
US-10-158-

```

US-10-158-160A-24/c
Sequence 24, Application US/10158160A
Publication No. US20030059805A1
GENERAL INFORMATION:
APPLICANT: RAPPOLD-HOERBRAND, GUDRUN
APPLICANT: RAO, ERCOLE
TITLE OF INVENTION: HUMAN GROWTH GENE AND SHORT STATURE GENE REGION
FILE REFERENCE: 108351-00004
CURRENT APPLICATION NUMBER: US/10/158,160A
CURRENT FILING DATE: 2002-08-20
PRIORITY APPLICATION NUMBER: 09/147,699
PRIORITY FILING DATE: 1999-06-24
PRIORITY APPLICATION NUMBER: PCT/EP97/05355
PRIORITY FILING DATE: 1997-09-29
PRIORITY APPLICATION NUMBER: 60/027,633
PRIORITY FILING DATE: 1996-10-01
PRIORITY APPLICATION NUMBER: EP/97100583.0
PRIORITY FILING DATE: 1997-01-16
NUMBER OF SEQ. ID NOS: 55
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 24
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: synthetic
OTHER INFORMATION: primer

```

US-10-158-160A-24

Query Match	0.3%	Score 15.8;	DB 1;	length 22;
Best Local Similarity	89.5%;	Pred. No. 6.1e+02;		
Matches 17; Conservative	0;	Mismatches 2;	Indels 0;	Gaps 0;

QY 3988 GCTGAGCCTGGAGCTGTGG 4006
|||
Db 20 GCTGAGCCTGGAGCTGTGG 2

RESULT 434
US-10-091-

```

US-10-091-281-326
/ Sequence 326, Application US/10091281
/ Publication No. US20030190617A1
/ GENERAL INFORMATION:
/ APPLICANT: RAYMOND, VINCENT
/ APPLICANT: ST, ERWIN
/ APPLICANT: MORISSETTE, JEAN
/ TITLE OF INVENTION: OPISTHURIN NUCLEIC ACID MOLECULES AND USES THEREOF
/ FILE REFERENCE: 13587.338
/ CURRENT APPLICATION NUMBER: US/10/091,281
/ CURRENT FILING DATE: 2002-03-06
/ NUMBER OF SEQ ID NOS: 463
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 326
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ OTHER INFORMATION: Putative NOLF/DLFL01 motif
US-10-091-281-326

```

Query Match	0.3%	Score 15.8;	DB 1;	Length 22;
Best Local Similarity	89.5%	Pred. No. 6.1e+02;		
Matches 17; Conservative	0;	Mismatches 2;	Indels 0;	Gaps 0;

OY		3761	GGGCCCCACGGGCTGT	3779
Db		4	GCGTCCCGCGGCTGT	22

RESULT 435
US-10-131-

```

/ Sequence 7915, Application US/10131827
/ Publication No. US20040009479A1
/ GENERAL INFORMATION:
/ APPLICANT: Wohlgemuth, Jay
/ APPLICANT: Fry, Kirk
/ APPLICANT: Woodward, Robert
/ APPLICANT: Ly, NaoC
/ TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE
/ TITLE OF INVENTION: CHRONIC INFLAMMATORY DISEASES
/ FILE REFERENCE: 506612000120
/ CURRENT APPLICATION NUMBER: US/10/131,827
/ CURRENT FILING DATE: 2002-09-06
/ PRIOR APPLICATION NUMBER: US 10/006,290
/ PRIOR FILING DATE: 2001-10-22
/ PRIOR APPLICATION NUMBER: US 60/296,764
/ PRIOR FILING DATE: 2001-06-08
/ NUMBER OF SEQ ID NOS: 9090
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 7915
/ LENGTH: 50
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-10-131-827-7915

```

Query Match	0.3%	Score 15.8;	DB 1;	Length 50;
Best Local Similarity	60.5%	Pred. No. 7.8e+02;		
Matches	26;	Conservative	0;	Mismatches 17;
			Indels	0;
			Gaps	0;

4022 CTCACTTTGTGGCTCTCCAAGGGGGCCATGTGGACACATCCCT 4064

Db 50 CTCACCCCTGTGACAGCCAGGCAAAAGTTCCATGTCCT 8
||||| ||||| ||||| ||||| |||||

RESULT 436

US-09-263-959-610/c
Sequence 610, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTILIZE
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/09/263,959
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMaester, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 610:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-610

US-09-263-959-610

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.6e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1184 AAGAGAGAGAGAGAAATCGA 1205

Db 22 AAGAGAGAGAGAGAGAGAGAA 1

RESULT 437
US-09-776-479-61/c
Sequence 61, Application US/09776479
Patent No. US20030087848A1
GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
APPLICANT: Fournon, Yves
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TREATMENT OF ALLERGY
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 61
LENGTH: 22

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-09-776-479-61

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.6e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5404 AAAAAAATAATGAAATATA 5425

Db 22 AAAAAAATAATGAAATATA 1

RESULT 438
US-09-776-479-61/c
Sequence 61, Application US/09776479
Patent No. US20040067902A9
GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
APPLICANT: Fournon, Yves
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TREATMENT OF ALLERGY
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 61
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-09-776-479-61

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.6e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5404 AAAAAAATAATGAAATATA 5425

Db 22 AAAAAAATAATGAAATATA 1

RESULT 439
US-10-044-592-49
Sequence 49, Application US/10044592
Patent No. US20020143152A1
GENERAL INFORMATION:
APPLICANT: Hinuma, Shuji
APPLICANT: Fournon, Yves
TITLE OF INVENTION: Polypeptides, their Production and Use
FILE REFERENCE: 2463052P
CURRENT APPLICATION NUMBER: US/10/044,592
CURRENT FILING DATE: 2002-01-10
PRIOR APPLICATION NUMBER: US 09/403639
PRIOR FILING DATE: 1999-25-10
PRIOR APPLICATION NUMBER: PCT/JP98/01923
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: JP 9-109974
PRIOR FILING DATE: 1997-04-28
NUMBER OF SEQ ID NOS: 96
SOFTWARE:
SEQ ID NO 49
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

```
/ NAME/KEY: misc.feature
/ LOCATION: (1)..(22)
/ OTHER INFORMATION: synthetic primer
US-10-044-592-49
```

```
Query Match      0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.6e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      3260 ACCTGCGCTCTGTGCTTAGTGC 3281
Db      1  ACGTGGCTTCTGTGCTTGTGCTGC 22
```

```
RESULT 440
US-10-112-653-55/c
/ Sequence 55, Application US/10112653
/ Publication No. US20030050268A1
/ GENERAL INFORMATION:
/ APPLICANT: Kriegl, Arthur M.
/ APPLICANT: Berg, Daniel J.
/ TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
/ TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
/ FILE REFERENCE: C01039/70060(AWS)
/ CURRENT FILING DATE: 2002-03-29
/ PRIOR APPLICATION NUMBER: US 60/279,642
/ PRIOR FILING DATE: 2001-03-29
/ NUMBER OF SEQ ID NOS: 1040
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 55
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-55
```

```
Query Match      0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.6e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      5404 AAAAAAGAAAAATGAAATATAA 5425
Db      22 AAAAAAGAAAAATGAAATATAA 1
```

```
RESULT 441
US-10-017-995-61/c
/ Sequence 61, Application US/10017995
/ Publication No. US2003005014A1
/ GENERAL INFORMATION:
/ APPLICANT: Bratzler, Robert L.
/ TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
/ FILE REFERENCE: C1037/7025 (HCL/MAT)
/ CURRENT APPLICATION NUMBER: US/10/017,995
/ CURRENT FILING DATE: 2001-12-18
/ PRIOR APPLICATION NUMBER: US 60/255,534
/ PRIOR FILING DATE: 2000-12-14
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 61
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-10-017-995-61
```

```
Query Match      0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.6e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      5404 AAAAAAGAAAAATGAAATATAA 5425
Db      22 AAAAAAGAAAAATGAAATATAA 1
```

```
RESULT 442
US-10-191-436-10/c
/ Sequence 10, Application US/10191436
/ Publication No. US20030129697A1
/ GENERAL INFORMATION:
/ APPLICANT: Tasuku Honjo
/ APPLICANT: Kei Tashiro
/ APPLICANT: Kazuhiko Kohuke
/ TITLE OF INVENTION: A NOVEL POLYPEPTIDE ESDN, POLYNUCLEOTIDES ENCODING THE POLYPEPTIDE
/ FILE REFERENCE: ONF3204US
/ CURRENT APPLICATION NUMBER: US/10/191,436
/ CURRENT FILING DATE: 2002-07-10
/ NUMBER OF SEQ ID NOS: 24
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 10
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Mus musculus
US-10-191-436-10
```

```
Query Match      0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.6e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      570 GAAGAGAGAGAGAGCTGAAGAG 591
Db      22 GAAGAGAGAGAGAGTGGAGCAG 1
```

```
RESULT 443
US-10-147-920-3
/ Sequence 3, Application US/10147920
/ Publication No. US20030149259A1
/ GENERAL INFORMATION:
/ APPLICANT: CALAHAN, Johnny Dale
/ APPLICANT: NELSON, William Max
/ APPLICANT: MANGOLD, Beverly L.
/ TITLE OF INVENTION: FOOT AND MOUTH DISEASE VIRUS DIAGNOSTIC AND METHODS
/ FILE REFERENCE: 38602-0005
/ CURRENT APPLICATION NUMBER: US/10/147,920
/ CURRENT FILING DATE: 2003-01-10
/ PRIOR APPLICATION NUMBER: US 60/291,636
/ PRIOR FILING DATE: 2001-05-18
/ NUMBER OF SEQ ID NOS: 14
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 3
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Primer
US-10-147-920-3
```

```
Query Match      0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.6e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      382 CTGGATTATTAATAAAGTGGTT 403
Db      1  CTGGATTATTAATAAAGTGGTT 22
```

```
RESULT 444
US-10-096-578-34/c
/ Sequence 34, Application US/10096578
/ Publication No. US20030165874A1
/ GENERAL INFORMATION:
```

```
/ APPLICANT: Leppert, Mark F.
/ APPLICANT: Singh, Nanda
/ APPLICANT: Charlier, Carole
/ TITLE OF INVENTION: KCNO2 AND KCNO3 - POTASSIUM CHANNEL GENES WHICH ARE
/ TITLE OF INVENTION: MUTATED IN BENIGN FAMILIAL NEONATAL CONVULSIONS (BFNC)
/ FILE REFERENCE: 2323-160
/ CURRENT APPLICATION NUMBER: US/10/096,578
/ CURRENT FILING DATE: 2002-03-14
/ PRIOR APPLICATION NUMBER: US 09/177,650
/ PRIOR FILING DATE: 1998-10-23
/ PRIOR APPLICATION NUMBER: US 60/063,147
/ PRIOR FILING DATE: 1997-10-24
/ NUMBER OF SEQ ID NOS: 129
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 34
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-096-578-34

Query Match          0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.6e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3989 CTGAGCTGAGCTGTGGAAGC 4010
DB      22 CTGCCATGAGCTGTGCAAGC 1

RESULT 445
US-10-314-578-61/c
/ Sequence 61, Application US/10314578
/ Publication No. US20030212026A1
/ GENERAL INFORMATION:
/ APPLICANT: Krieg, Arthur M.
/ APPLICANT: Schetter, Christian
/ APPLICANT: Vollmer, Jorg
/ TITLE OF INVENTION: Immunostimulatory Nucleic Acids
/ FILE REFERENCE: CI039/7035 (HCL/MAT)
/ CURRENT APPLICATION NUMBER: US/10/314,578
/ CURRENT FILING DATE: 2002-12-09
/ PRIOR APPLICATION NUMBER: US 60/156,113
/ PRIOR FILING DATE: 1999-09-25
/ PRIOR APPLICATION NUMBER: US 60/156,135
/ PRIOR FILING DATE: 1999-09-27
/ PRIOR APPLICATION NUMBER: US 60/227,436
/ PRIOR FILING DATE: 2000-08-23
/ NUMBER OF SEQ ID NOS: 1145
/ SOFTWARE: PasteSeq for Windows Version 3.0
/ SEQ ID NO 61
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-10-314-578-61

Query Match          0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.6e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5404 AAAAGAAAAATGAAAAATGAA 5425
DB      22 AAAAACAAAAAACAAAAAAA 1

RESULT 446
US-10-213-796-13/c
/ Sequence 13, Application US/10213796
/ Publication No. US20040029272A1
/ GENERAL INFORMATION:
/ APPLICANT: Sanjay Bhanoc
```

```
/ APPLICANT: Susan M. Preler
/ TITLE OF INVENTION: ANTISENSE MODULATION OF PERILIPIN EXPRESSION
/ FILE REFERENCE: RTS-0355
/ CURRENT APPLICATION NUMBER: US/10/213,796
/ CURRENT FILING DATE: 2002-08-06
/ NUMBER OF SEQ ID NOS: 170
/ SEQ ID NO 13
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: PCR Primer
US-10-213-796-13

Query Match          0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.6e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4248 TCCTGAGAAATCAGCTTCAC 4269
DB      22 TTCTGAGAGAGAGACCTTCAC 1

RESULT 447
US-10-714-508-1/c
/ Sequence 1, Application US/10714508
/ Publication No. US20040142360A1
/ GENERAL INFORMATION:
/ APPLICANT: QU, KEVIN S.
/ APPLICANT: SPERRUZZA, ANTHONY
/ TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETERMINING GENOTYPES
/ FILE REFERENCE: 034827-3002
/ CURRENT APPLICATION NUMBER: US/10/714,508
/ CURRENT FILING DATE: 2003-11-14
/ PRIOR APPLICATION NUMBER: 60/426,639
/ PRIOR FILING DATE: 2002-11-15
/ NUMBER OF SEQ ID NOS: 5
/ SOFTWARE: PatentIn Ver. 3.2
/ SEQ ID NO 1
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-714-508-1

Query Match          0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.6e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1194 AGAGAAATCAGAGAAAGCAGG 1215
DB      22 AGAGAAATGAGAGAAAGATGG 1

RESULT 448
US-10-781-055-9/c
/ Sequence 9, Application US/10781055
/ Publication No. US20040171573A1
/ GENERAL INFORMATION:
/ APPLICANT: JOHNSTON, STEPHEN
/ APPLICANT: QU, BAO-XI
/ TITLE OF INVENTION: RATIONALLY DESIGNED AND CHEMICALLY SYNTHESIZED
/ TITLE OF INVENTION: PROMOTER FOR GENETIC VACCINE AND GENE THERAPY
/ FILE REFERENCE: UTSD:788US
/ CURRENT APPLICATION NUMBER: US/10/781,055
/ CURRENT FILING DATE: 2004-02-18
/ PRIOR APPLICATION NUMBER: 60/448,166
/ PRIOR FILING DATE: 2003-02-18
/ NUMBER OF SEQ ID NOS: 37
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 9
```

/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ US-10-781-055-9

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 91.1%; Pred. No. 6.6e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 94 CCTCCACCCCACTCTTCTCA 115
Db 22 CCGCCCCCCCCCTGTCTCA 1

RESULT 449
US-09-263-959-488/c
; Sequence 488, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcmasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 488:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-488

/ APPLICANT: Rowen, Lee
/ APPLICANT: Koop, Ben F.
/ TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
/ NUMBER OF SEQUENCES: 1279
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Seed and Berry LLP
/ STREET: 6300 Columbia Center, 701 Fifth Avenue
/ CITY: Seattle
/ STATE: Washington
/ COUNTRY: US
/ ZIP: 98104-7092

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999

CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Mcmasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 576:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-576

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 6.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1180 AGAGAAAGAGAGAGA 1196
Db 17 AGAGAGAGAGAGAGA 1

RESULT 451
US-09-263-959-584/c
; Sequence 584, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcmasters, David D.
; REGISTRATION NUMBER: 33,963


```
/ REFERENCE/DOCKET NUMBER: 920010.426C2
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (206) 682-4900
/ TELEFAX: (206) 682-6031
/ INFORMATION FOR SEQ ID NO: 584:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-09-263-959-584

Query Match
Best local similarity 94.1%; DB 1; Length 17;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 GAGAAAGAGAGAGAG 1197
DB 17 GAGAGAGAGAGAGAG 1

RESULT 452
US-09-792-818-508/c
/ Sequence 508, Application US/09792818
/ Publication No. US20030134806A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Jarvis, Thale
/ APPLICANT: Von Carlowitz, Ira
/ APPLICANT: McSwiggen, Jim
/ APPLICANT: Hamblin, Paul
/ APPLICANT: Ellis, Jonathan
/ TITLE OF INVENTION: Method and Reagent for the Inhibition of Grp-2-related with Inse
/ TITLE OF INVENTION: (GRID) Gene
/ FILE REFERENCE: MBH00-901-A (400/013)
/ CURRENT APPLICATION NUMBER: US/09/792,818
/ CURRENT FILING DATE: 2001-02-23
/ NUMBER OF SEQ ID NOS: 2304
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 508
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-792-818-508

Query Match
Best local similarity 94.1%; DB 1; Length 17;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4429 GAGCCTTGTTGAACC 4445
DB 17 GAGCCTTGTTGAACC 1

RESULT 453
US-10-138-674-6931
/ Sequence 6931, Application US/10138674
/ Publication No. US20040077565A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Pavco, Pam
/ APPLICANT: McSwiggen, Jim
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
/ TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
/ FILE REFERENCE: MBH00-876-N (400/049)
/ CURRENT APPLICATION NUMBER: US/10/138,674
/ CURRENT FILING DATE: 2002-05-03
/ NUMBER OF SEQ ID NOS: 20822
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 6931
/ LENGTH: 17
```

```
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-10-138-674-6931

Query Match
Best local similarity 88.2%; DB 1; Length 17;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 199 CCACACCCATCTCCCG 215
DB 1 CCACACCCATCTCCCG 17

RESULT 454
US-10-287-949A-6931
/ Sequence 6931, Application US/10287949A
/ Publication No. US20040102389A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Pavco, Pam
/ APPLICANT: McSwiggen, Jim
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
/ TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
/ FILE REFERENCE: MBH00-876-N (400/049)
/ CURRENT APPLICATION NUMBER: US/10/287,949A
/ CURRENT FILING DATE: 2003-04-11
/ NUMBER OF SEQ ID NOS: 20822
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 6931
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-10-287-949A-6931

Query Match
Best local similarity 88.2%; DB 1; Length 17;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 199 CCACACCCATCTCCCG 215
DB 1 CCACACCCATCTCCCG 17

RESULT 455
US-09-918-186A-38
/ Sequence 38, Application US/09918186A
/ Patent No. US20020137708A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Elizabeth J. Ackermann
/ APPLICANT: Eric B. Swayze
/ APPLICANT: Lex M. Cowart
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
/ FILE REFERENCE: ISPH-0585
/ CURRENT APPLICATION NUMBER: US/09/918,186A
/ CURRENT FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 09/496,694
/ PRIOR FILING DATE: 2000-02-02
/ PRIOR APPLICATION NUMBER: 09/286,407
/ PRIOR FILING DATE: 1999-04-05
/ PRIOR APPLICATION NUMBER: 09/163,162
/ PRIOR FILING DATE: 1998-09-29
/ NUMBER OF SEQ ID NOS: 250
/ SEQ ID NO 38
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-918-186A-38
```

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 6.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1184 AAAGAGAGAGAGAGAAA 1200
|||||
DB 1 AAAGAGAGAGAGAGAGA 17

RESULT 456
US-09-918-186A-78
; Sequence 78, Application US/09918186A
; Patent No. US20020137708A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Eric E. Swayze
; APPLICANT: Lex M. Cowbert
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISPH-0585
; CURRENT APPLICATION NUMBER: US/09/918,186A
; CURRENT FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 09/496,694
; PRIOR FILING DATE: 2000-02-02
; PRIOR APPLICATION NUMBER: 09/286,407
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 09/163,162
; PRIOR FILING DATE: 1998-09-29
; NUMBER OF SEQ ID NOS: 250
; SEQ ID NO 78
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-918-186A-78

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 6.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1184 AAAGAGAGAGAGAGAAA 1200
|||||
DB 1 AAAGAGAGAGAGAGAGA 17

RESULT 457
US-09-918-186A-129
; Sequence 129, Application US/09918186A
; Patent No. US20020137708A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Eric E. Swayze
; APPLICANT: Lex M. Cowbert
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISPH-0585
; CURRENT APPLICATION NUMBER: US/09/918,186A
; CURRENT FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 09/496,694
; PRIOR FILING DATE: 2000-02-02
; PRIOR APPLICATION NUMBER: 09/286,407
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 09/163,162
; PRIOR FILING DATE: 1998-09-29
; NUMBER OF SEQ ID NOS: 250
; SEQ ID NO 129
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-918-186A-129

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 6.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1184 AAAGAGAGAGAGAGAAA 1200
|||||
DB 2 AAAGAGAGAGAGAGAGA 18

RESULT 458
US-09-904-744-5
; Sequence 5, Application US/09904744
; Patent No. US20020150905A1
; GENERAL INFORMATION:
; APPLICANT: Barbera-Guillem, Emilio
; APPLICANT: Nelson, M. Bud
; APPLICANT: Caetano, Stephanie
; TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use to form
; TITLE OF INVENTION: dendrimers in a signal amplification system
; FILE REFERENCE: B-73
; CURRENT APPLICATION NUMBER: US/09/904,744
; CURRENT FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: 09/437076
; PRIOR FILING DATE: 1999-11-09
; PRIOR APPLICATION NUMBER: 60/107828
; PRIOR FILING DATE: 1998-11-10
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 5
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthesized
US-09-904-744-5

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 6.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 GAGAAAGAGAGAGAGAG 1197
|||||
DB 2 GAGAGAGAGAGAGAGAG 18

RESULT 459
US-09-904-744-6/C
; Sequence 6, Application US/09904744
; Patent No. US20020150905A1
; GENERAL INFORMATION:
; APPLICANT: Nelson, M. Bud
; APPLICANT: Barbera-Guillem, Emilio
; APPLICANT: Caetano, Stephanie
; TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use to form
; TITLE OF INVENTION: dendrimers in a signal amplification system
; FILE REFERENCE: B-73
; CURRENT APPLICATION NUMBER: US/09/904,744
; CURRENT FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: 09/437076
; PRIOR FILING DATE: 1999-11-09
; PRIOR APPLICATION NUMBER: 60/107828
; PRIOR FILING DATE: 1998-11-10
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 6
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthesized
US-09-904-744-6

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 6.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AAGAGAGAGAGAGAGA 1196
DB 18 AAGAGAGAGAGAGAGA 2

RESULT 460

US-10-181-316-38
Sequence 38, Application US/10181316
Publication No. US20030211607A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
APPLICANT: Eric E. Swayze
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
FILE REFERENCE: ISPH-0650
CURRENT APPLICATION NUMBER: US/10/181,316
CURRENT FILING DATE: 2002-07-16
PRIOR APPLICATION NUMBER: PCT/US01/02939
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: 09/496,694
PRIOR FILING DATE: 2000-02-02
PRIOR APPLICATION NUMBER: 09/286,407
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 09/163,162
PRIOR FILING DATE: 1998-09-29
NUMBER OF SEQ ID NOS: 249
SEQ ID NO 38
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-316-38

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 6.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1184 AAGAGAGAGAGAGA 1200
DB 1 AAGAGAGAGAGAGA 17

RESULT 461

US-10-181-316-78
Sequence 78, Application US/10181316
Publication No. US20030211607A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
APPLICANT: Eric E. Swayze
APPLICANT: Lex M. Cowse
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
FILE REFERENCE: ISPH-0650
CURRENT APPLICATION NUMBER: US/10/181,316
CURRENT FILING DATE: 2002-07-16
PRIOR APPLICATION NUMBER: PCT/US01/02939
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: 09/496,694
PRIOR FILING DATE: 2000-02-02
PRIOR APPLICATION NUMBER: 09/286,407
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 09/163,162
PRIOR FILING DATE: 1998-09-29
NUMBER OF SEQ ID NOS: 249
SEQ ID NO 78
LENGTH: 18
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-316-78

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 6.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1184 AAGAGAGAGAGAGA 1200
DB 1 AAGAGAGAGAGAGA 17

RESULT 462

US-10-181-316-129
Sequence 129, Application US/10181316
Publication No. US20030211607A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
APPLICANT: Eric E. Swayze
APPLICANT: Lex M. Cowse
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
FILE REFERENCE: ISPH-0650
CURRENT APPLICATION NUMBER: US/10/181,316
CURRENT FILING DATE: 2002-07-16
PRIOR APPLICATION NUMBER: PCT/US01/02939
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: 09/496,694
PRIOR FILING DATE: 2000-02-02
PRIOR APPLICATION NUMBER: 09/286,407
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 09/163,162
PRIOR FILING DATE: 1998-09-29
NUMBER OF SEQ ID NOS: 249
SEQ ID NO 129
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-316-129

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 6.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1184 AAGAGAGAGAGAGA 1200
DB 2 AAGAGAGAGAGAGA 18

RESULT 463

US-10-335-059-5
Sequence 5, Application US/10335059
Publication No. US20030219725A1
GENERAL INFORMATION:
APPLICANT: Johnston-Dow, Leslie
APPLICANT: Demeter Lisa
APPLICANT: White Camille B.
APPLICANT: Song Kenning
APPLICANT: Kohlenberger Robert
APPLICANT: Conrad Morgan
APPLICANT: Myers Angela
TITLE OF INVENTION: No. US20030219725A1 Methode for HIV sequencing and Genotyping
FILE REFERENCE: 07414.0005-02000
CURRENT APPLICATION NUMBER: US/10/335,059
CURRENT FILING DATE: 2002-12-21
PRIOR APPLICATION NUMBER: 10/092,022
PRIOR FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/158,695
PRIOR FILING DATE: 1998-09-21

; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 5
; LENGTH: 18
; TYPE: DNA
; ORGANISM: HTV
US-10-335-059-5

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 6.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1261 ACCCTACAGCCCA 1277
DB 1 AGCCCAAGCCCA 17

RESULT 464
US-10-349-143-7215

; Sequence 7215, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143

; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978

; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850

; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614

; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 7215

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer_bind

; LOCATION: 1..18

; OTHER INFORMATION: upstream amplification primer 99-2956 for SEQ 3281,

US-10-349-143-7215

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 6.4e+02;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4871 CTCAGTTCTCTCTG 4887
DB 1 CTCAGTTCTCTCTG 17

RESULT 465
US-10-349-143-11501

; Sequence 11501, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta

; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143

; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978

; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850

; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11501
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 6.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2436 GGATGAGAGGGGAG 2452
DB 2 GGATGAGAGGGGAG 18

RESULT 466
US-08-110-161A-9/c

; Sequence 9, Application US/08110161A
; Publication No. US20020006912A1
; GENERAL INFORMATION:

; APPLICANT: Nerenberg, Michael I.
; APPLICANT: Kitajima, Isao
; TITLE OF INVENTION: SUPPRESSION OF NUCLEAR FACTOR-XB
; TITLE OF INVENTION: DEPENDENT PROCESSES USING OLIGONUCLEOTIDES

; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:

; ADDRESS: Spensley Horn Jubas & Lubitz
; STREET: 1880 Century Park East - Suite 500

; CITY: Los Angeles
; STATE: California

; COUNTRY: USA
; ZIP: 90067

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/110,161A

; FILING DATE: 20-AUG-1993
; CLASSIFICATION: 514

; ATTORNEY/AGENT INFORMATION:
; NAME: Tumarkin Ph.D., Lisa A.

; REGISTRATION NUMBER: P-38,347
; REFERENCE/DOCKET NUMBER: PD-2981

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100

; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 9:

; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs

; TYPE: nucleic acid
; STRANDEDNESS: single

; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)

; FEATURE:
; NAME/KEY: CDS

; LOCATION: 1..19
US-08-110-161A-9

Query Match 0.3%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 6.6e+02;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4066 TTCCAAATGCCACTT 4082
DB 18 TTCCAAATGCCACTT 2

RESULT 467
US-08-110-161A-10
Sequence 10, Application US/08110161A
Publication No. US2002006912A1
GENERAL INFORMATION:
APPLICANT: Nerenberg, Michael I.
APPLICANT: Kitalima, Isaac
TITLE OF INVENTION: SUPPRESSION OF NUCLEAR FACTOR-KB
TITLE OF INVENTION: DEPENDENT PROCESSES USING OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Spensley Horn Jubas & Lubitz
STREET: 1880 Century Park East - Suite 500
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90067
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/110,161A
FILING DATE: 20-AUG-1993
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Tumarkin Ph.D., Lisa A.
REGISTRATION NUMBER: P-38,347
REFERENCE/DOCKET NUMBER: PD-2981
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 455-5100
TELEFAX: (619) 455-5110
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: DNA (genomic)
FEATURES:
NAME/KEY: CDS
LOCATION: 1..19
US-08-110-161A-10

Query Match 0.3%, Score 15.4, DB 1, Length 19,
Best Local Similarity 94.1%, Pred. No. 6.6e+02;
Matches 16, Conservative 0, Mismatches 1, Indels 0, Gaps 0;

QY 4066 TTCCAAATGCCACTT 4082
DB 2 TTCCAAATGCCACTT 18

RESULT 468
US-10-117-586C-74/C
Sequence 74, Application US/10117586C
Publication No. US20030152938A1
GENERAL INFORMATION:
APPLICANT: NATIONAL CANCER CENTER
TITLE OF INVENTION: RET OLIGONUCLEOTIDE MICROCHIP AND METHOD FOR DETECTING HEREDITARY
TITLE OF INVENTION: CANCER
FILE REFERENCE: PC11254/PJG
CURRENT APPLICATION NUMBER: US/10/117,586C
CURRENT FILING DATE: 2002-04-05
NUMBER OF SEQ ID NOS: 77
SOFTWARE: Patentin 1.71
SEQ ID NO 74

LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Exon-14F
US-10-117-586C-74

Query Match 0.3%, Score 15.4, DB 1, Length 19,
Best Local Similarity 94.1%, Pred. No. 6.6e+02;
Matches 16, Conservative 0, Mismatches 1, Indels 0, Gaps 0;

QY 1771 TGGGCTTCCAGAGCC 1787
DB 18 TGGGCTTCCAGAGCC 2

RESULT 469
US-10-225-023-503
Sequence 503, Application US/10225023
Publication No. US20030175950A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: MCSwigen, James
TITLE OF INVENTION: RNA Interference Mediated Inhibition of HIV Gene Expression Using
TITLE OF INVENTION: Interfering RNA
FILE REFERENCE: 400/054 (MBH01-665-B)
CURRENT APPLICATION NUMBER: US/10/225,023
CURRENT FILING DATE: 2003-01-06
PRIOR APPLICATION NUMBER: US 60/398,036
PRIOR FILING DATE: 2002-07-23
PRIOR APPLICATION NUMBER: US 60/294,140
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 10/157,580
PRIOR FILING DATE: 2002-05-29
NUMBER OF SEQ ID NOS: 1494
SOFTWARE: Patentin version 3.0
SEQ ID NO 503
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siRNA sense
US-10-225-023-503

Query Match 0.3%, Score 15.4, DB 1, Length 19,
Best Local Similarity 94.1%, Pred. No. 6.6e+02;
Matches 16, Conservative 0, Mismatches 1, Indels 0, Gaps 0;

QY 1261 AGCCTACAGCCACCA 1277
DB 2 AGCCTACAGCCACCA 18

RESULT 470
US-10-225-023-1241/C
Sequence 1241, Application US/10225023
Publication No. US20030175950A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: MCSwigen, James
TITLE OF INVENTION: RNA Interference Mediated Inhibition of HIV Gene Expression Using
TITLE OF INVENTION: Interfering RNA
FILE REFERENCE: 400/054 (MBH01-665-B)
CURRENT APPLICATION NUMBER: US/10/225,023
CURRENT FILING DATE: 2003-01-06
PRIOR APPLICATION NUMBER: US 60/398,036
PRIOR FILING DATE: 2002-07-23
PRIOR APPLICATION NUMBER: US 60/294,140
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 10/157,580
PRIOR FILING DATE: 2002-05-29
NUMBER OF SEQ ID NOS: 1494
SOFTWARE: Patentin version 3.0

SEQ ID NO 1241
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE: Artificial Sequence
OTHER INFORMATION: Description of Artificial Sequence: sRNA antisense region
US-10-225-023-1241

Query Match 0.3%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 6.6e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1261 AGCCTACAGCCCCACCA 1277
DB 18 AGCCACAGCCCCACCA 2

RESULT 471
US-10-367-438-331
Sequence 331, Application US/10367438
Publication No. US20030180773A1
GENERAL INFORMATION:

APPLICANT: COHEN, Daniel
BLUMENFELD, Marla
TCHOUMAKOV, Iliia
TITLE OF INVENTION: Biallelic markers for use in
constructing a high density disequilibrium map of
the human genome.

NUMBER OF SEQUENCES: 336

CORRESPONDENCE ADDRESS:

ADDRESSER: Knobbe, Martens, Olson & Bear

STREET: 550 West C Street

CITY: San Diego

STATE: California

COUNTRY: USA

ZIP: 92101

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy Disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: Win95

SOFTWARE: Word

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/367,438

FILING DATE: 14-Feb-2003

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/463,075A

FILING DATE: 14-Jan-2000

INFORMATION FOR SEQ ID NO: 331:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: NUCLEIC ACID

STRANDEDNESS: SINGLE

TOPOLOGY: LINEAR

MOLECULE TYPE: DNA

ORIGINAL SOURCE:

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: microsequencing oligo 99-344.mis2

LOCATION: 1..19

SEQUENCE DESCRIPTION: SEQ ID NO: 331:

US-10-367-438-331

Query Match 0.3%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 6.6e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 910 CAGGGCTCAGAGAGAG 926
DB 1 CAGGGCTCAGAGAGAG 17

RESULT 472
US-10-328-861-9/c

Sequence 9, Application US/10328861
Publication No. US20030216336A1
GENERAL INFORMATION:

APPLICANT: Nerenberg, Michael I.
Kitsajima, Isao

TITLE OF INVENTION: SUPPRESSION OF NUCLEAR FACTOR-kB
DEPENDENT PROCESSES USING OLIGONUCLEOTIDES

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSER: Spensley Horn Jubas & Lubitz

STREET: 1880 Century Park East - Suite 500

CITY: Los Angeles

STATE: California

COUNTRY: USA

ZIP: 90067

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/328,861

FILING DATE: 24-Dec-2002

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/110,161A

FILING DATE: 20-AUG-1993

ATTORNEY/AGENT INFORMATION:

NAME: Tumarkin Ph.D., Lisa A.

REGISTRATION NUMBER: P-38,347

REFERENCE/DOCKET NUMBER: PD-2961

TELECOMMUNICATION INFORMATION:

TELEPHONE: (619) 455-5100

TELEFAX: (619) 455-5110

INFORMATION FOR SEQ ID NO: 9:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

FEATURE:

NAME/KEY: CDS

LOCATION: 1..19

SEQUENCE DESCRIPTION: SEQ ID NO: 9:

US-10-328-861-9

Query Match 0.3%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 6.6e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4066 TTCCAAATGCCCACTT 4082
DB 18 TTCCAAATGCCCACTT 2

RESULT 473
US-10-328-861-10

Sequence 10, Application US/10328861
Publication No. US20030216336A1
GENERAL INFORMATION:

APPLICANT: Nerenberg, Michael I.
Kitsajima, Isao

TITLE OF INVENTION: SUPPRESSION OF NUCLEAR FACTOR-kB
DEPENDENT PROCESSES USING OLIGONUCLEOTIDES

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSER: Spensley Horn Jubas & Lubitz

STREET: 1880 Century Park East - Suite 500

CITY: Los Angeles

STATE: California

COUNTRY: USA

ZIP: 90067

```
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/328,861
FILING DATE: 24-Dec-2002
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/110,161A
FILING DATE: 20-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAME: Tumarkin Ph.D., Lisa A.
REGISTRATION NUMBER: P-38,347
REFERENCE/DOCKET NUMBER: PD-2981
TELEPHONE: (619) 455-5100
TELEFAX: (619) 455-5110
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 1..19
SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-10-328-861-10

Query Match      0.3%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 6.6e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4066 TTCCAAATGCCCCACTT 4082
DB      2 TTCCAAATGCCCCACTT 18

RESULT 474
US-09-944-411-42/C
Sequence 42, Application US/09944411
Patent No. US20020106799A1
GENERAL INFORMATION:
APPLICANT: FINER, MITCHELL H.
DULL, THOMAS J.
ZSERO, KRISZTINA M.
COOKE, KERGAN
PARSON, DEBORAH A.
TITLE OF INVENTION: METHOD FOR PRODUCTION OF HIGH TITER
VIRUS AND HIGH EFFICIENCY RETROVIRAL MEDIATED TRANSDUCTION
OF MAMMALIAN CELLS
NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESS:
ADDRESSEE: CELL GENESIS, INC.
STREET: 322 LAKESIDE DRIVE
CITY: FOSTER CITY
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/944,411
FILING DATE: 04-Sep-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/914,893
```

```
FILING DATE: <Unknown>
APPLICATION NUMBER: US 08/258,152
FILING DATE: 10-JUN-1994
APPLICATION NUMBER: US 08/076,299
FILING DATE: 11-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: KRUPEN, KAREN I.
REGISTRATION NUMBER: 34,647
REFERENCE/DOCKET NUMBER: CELL 13.3
TELEPHONE: 415-358-9600 X131
TELEFAX: 415-349-7392
INFORMATION FOR SEQ ID NO: 42:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 42:
US-09-944-411-42

Query Match      0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4821 CACGAGCCCTGACCT 4837
DB      19 CACGAGCCCTGACCT 3

RESULT 475
US-09-931-375A-20
Sequence 20, Application US/09931375A
Publication No. US20030027151A1
GENERAL INFORMATION:
APPLICANT: MARMAN, Matthew L.
APPLICANT: GONG, Yaodun R.
APPLICANT: OLSEN, Bjorn R.
APPLICANT: RAMADI, Georges
TITLE OF INVENTION: REGULATOR GENE AND SYSTEM USEFUL FOR THE DIAGNOSIS AND THERAPY OF
TITLE OF INVENTION: OSTEOPOROSIS
FILE REFERENCE: 38464-0004
CURRENT APPLICATION NUMBER: US/09/931,375A
CURRENT FILING DATE: 2001-08-17
PRIOR APPLICATION NUMBER: US 60/304,851
PRIOR FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: US 60/234,337
PRIOR FILING DATE: 2000-09-22
PRIOR APPLICATION NUMBER: US 60/226,119
PRIOR FILING DATE: 2000-08-18
NUMBER OF SEQ ID NOS: 89
SOFTWARE: Patent version 3.0
SEQ ID NO 20
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-09-931-375A-20

Query Match      0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3422 TGAGGAGGAACTGAG 3438
DB      4 TGAGGAGGAACTGAG 20

RESULT 476
US-09-563-728A-7
```

```
/ Sequence 7, Application US/09563728A
/ Publication No. US20030078216A1
/ GENERAL INFORMATION:
/ APPLICANT: Macleod, Alan R
/ APPLICANT: Li, Zoumei
/ APPLICANT: Besterman, Jeffrey M
/ TITLE OF INVENTION: Inhibition of Histone Deacetylase
/ FILE REFERENCE: 106101.229
/ CURRENT APPLICATION NUMBER: US/09/563,728A
/ PRIOR FILING DATE: 2000-05-03
/ PRIOR FILING DATE: 1999-05-03
/ NUMBER OF SEQ ID NOS: 36
/ SOFTWARE: Patent In Ver. 2.1
/ SEQ ID NO 7
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: synthetic
/ US-09-563-728A-7
```

```
Query Match          0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY 2640 CCTGCAGCTGCTGCTGC 2656

DB 4 CCTGCCTGCTGCTGCTGC 20

```
RESULT 477
US-09-563-728A-16
/ Sequence 16, Application US/09563728A
/ Publication No. US20030078216A1
/ GENERAL INFORMATION:
/ APPLICANT: Macleod, Alan R
/ APPLICANT: Li, Zoumei
/ APPLICANT: Besterman, Jeffrey M
/ TITLE OF INVENTION: Inhibition of Histone Deacetylase
/ FILE REFERENCE: 106101.229
/ CURRENT APPLICATION NUMBER: US/09/563,728A
/ PRIOR FILING DATE: 2000-05-03
/ PRIOR APPLICATION NUMBER: 60/132,287
/ PRIOR FILING DATE: 1999-05-03
/ NUMBER OF SEQ ID NOS: 36
/ SOFTWARE: Patent In Ver. 2.1
/ SEQ ID NO 16
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ NAME/KEY: modified base
/ LOCATION: 1-4 and 17-20 are modified
/ OTHER INFORMATION: Positions 1-4 and 17-20 are 2'-methoxyribose
/ OTHER INFORMATION: substitution nucleotides; positions 5-16 are
/ OTHER INFORMATION: deoxyribonucleotides
/ US-09-563-728A-16
```

```
Query Match          0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.7e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
```

QY 2640 CCTGCAGCTGCTGCTGC 2656

DB 4 CCTGCCTGCTGCTGCTGC 20

```
RESULT 478
US-09-956-712-81/c
/ Sequence 81, Application US/09956712
/ Publication No. US20030092648A1
```

```
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Freier
/ TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
/ FILE REFERENCE: RTS-0326
/ CURRENT APPLICATION NUMBER: US/09/956,712
/ CURRENT FILING DATE: 2001-09-19
/ NUMBER OF SEQ ID NOS: 91
/ SEQ ID NO 81
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
/ US-09-956-712-81
```

```
Query Match          0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY 4303 AAGAACTGAGACTCTG 4319

DB 17 AAGAACTGAGACTCTTG 1

```
RESULT 479
US-09-864-636A-2582/c
/ Sequence 2582, Application US/09864636A
/ Publication No. US20030104378A1
/ GENERAL INFORMATION:
/ APPLICANT: Third Wave Technologies
/ APPLICANT: Alilwai, Hatim
/ APPLICANT: Bartholomay, Christian
/ APPLICANT: Chehak, Lubne
/ TITLE OF INVENTION: Detection of RNA Sequences
/ FILE REFERENCE: FORS-04944
/ CURRENT APPLICATION NUMBER: US/09/864,636A
/ CURRENT FILING DATE: 2002-10-15
/ NUMBER OF SEQ ID NOS: 2640
/ SOFTWARE: Patent In version 3.0
/ SEQ ID NO 2582
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
/ US-09-864-636A-2582
```

```
Query Match          0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY 3257 AGGACCTGCGCTCTGTG 3273

DB 19 AGGACCTGCGCACTGTG 3

```
RESULT 480
US-09-864-426A-2582/c
/ Sequence 2582, Application US/09864426A
/ Publication No. US20040018489A1
/ GENERAL INFORMATION:
/ APPLICANT: Third Wave Technologies
/ APPLICANT: Ma, Wu Po
/ APPLICANT: Lyamichev, Victor
/ APPLICANT: Salsar, Michael
/ TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
/ FILE REFERENCE: FORS-04946
/ CURRENT APPLICATION NUMBER: US/09/864,426A
/ CURRENT FILING DATE: 2001-05-24
/ NUMBER OF SEQ ID NOS: 2640
/ SOFTWARE: Patent In version 3.0
/ SEQ ID NO 2582
```



```
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
US-09-864-426A-2582

Query Match
Best Local Similarity 94.1%; Score 15.4; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3257 AGGACCTGGCCTCTGTG 3273
DB 19 AGGACCTGGCCTGTG 3

RESULT 481
US-10-181-177-168/c
/ Sequence 168, Application US/10181177
/ Publication No. US20030083296A1
/ GENERAL INFORMATION:
/ APPLICANT: Hong Zhang
/ APPLICANT: Lex M. Cowart
/ TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 8 EXPRESSION
/ FILE REFERENCE: RSP-0334
/ CURRENT APPLICATION NUMBER: US/10/181,177
/ PRIOR FILING DATE: 2002-07-12
/ PRIOR APPLICATION NUMBER: PCT/US01/00955
/ PRIOR FILING DATE: 2001-01-11
/ PRIOR APPLICATION NUMBER: 09/487,445
/ PRIOR FILING DATE: 2000-01-19
/ NUMBER OF SEQ ID NOS: 176
/ SEQ ID NO 168
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-177-168

Query Match
Best Local Similarity 94.1%; Score 15.4; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3175 CTTGCCAGAGACTGAG 3191
DB 19 CTTGCCAGAGCTGTAG 3

RESULT 482
US-10-145-493B-52
/ Sequence 52, Application US/10145493B
/ Publication No. US20030096777A1
/ GENERAL INFORMATION:
/ APPLICANT: Besterman, Jeffrey
/ APPLICANT: MacLeod, Robert
/ APPLICANT: Siders, William
/ TITLE OF INVENTION: Modulation of Gene Expression by Combination Therapy
/ FILE REFERENCE: MET-015DV
/ CURRENT APPLICATION NUMBER: US/10/145,493B
/ PRIOR FILING DATE: 2002-05-14
/ PRIOR APPLICATION NUMBER: 09/420,692
/ PRIOR FILING DATE: 1999-10-19
/ PRIOR APPLICATION NUMBER: US 60/104,804
/ PRIOR FILING DATE: 1998-10-19
/ NUMBER OF SEQ ID NOS: 90
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 52
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: primer
```

```
US-10-145-493B-52

Query Match
Best Local Similarity 94.1%; Score 15.4; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2640 CCTGCAGCTGTGCTGC 2656
DB 4 CCTGCCTGTGCTGTGC 20

RESULT 483
US-10-279-186-74/c
/ Sequence 74, Application US/10279186
/ Publication No. US20030114407A1
/ GENERAL INFORMATION:
/ APPLICANT: Brett P. Monla
/ APPLICANT: Susan M. Preler
/ TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR
/ FILE REFERENCE: RSP-0346
/ CURRENT APPLICATION NUMBER: US/10/279,186
/ PRIOR FILING DATE: 2002-10-23
/ PRIOR APPLICATION NUMBER: US/10/003,126
/ PRIOR FILING DATE: 2001-12-06
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 74
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-279-186-74

Query Match
Best Local Similarity 94.1%; Score 15.4; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2324 TCTCCACCTCTTTGAG 2340
DB 19 TCTCCACCTCTTTGAG 3

RESULT 484
US-10-084-839-2582/c
/ Sequence 2582, Application US/10084839
/ Publication No. US20030186238A1
/ GENERAL INFORMATION:
/ APPLICANT: Third Wave Technologies
/ APPLICANT: Allawi, Hatim
/ APPLICANT: Argue, Brad T.
/ APPLICANT: Bartholomay, Christian T.
/ APPLICANT: Chehak, LuAnne
/ APPLICANT: Curtis, Michelle L.
/ APPLICANT: Bis, Peggy S.
/ APPLICANT: Hall, Jeff G.
/ APPLICANT: Ip, Hon S.
/ APPLICANT: Li, Lin
/ APPLICANT: Kaiser, Michael
/ APPLICANT: Kwiatkowski, Jr., Robert W.
/ APPLICANT: Lukowiak, Andrew A.
/ APPLICANT: Lyamatchev, Victor
/ APPLICANT: Lyamatcheva, Natalie E.
/ APPLICANT: Ma, Wupo
/ APPLICANT: Neri, Bruce P.
/ APPLICANT: Olson, Sarah M.
/ APPLICANT: Olson-Munoz, Marilyn C.
/ APPLICANT: Schaefer, James J.
/ APPLICANT: Skrzypczynski, Zbigniew
/ APPLICANT: Takova, Tsetska Y.
/ APPLICANT: Thompson, Lisa C.
/ APPLICANT: Vedvik, Kevin L.
/ TITLE OF INVENTION: RNA Detection Assays
```

FILE REFERENCE: FORS-06666
CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: PatentIn version 3.1
SEQ ID NO 2582
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-084-839-2582

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3257 AGGACCTGGCCTCTGTG 3273
DB 19 AGGACCTGGCCTGTG 3
|||||

RESULT 485
US-10-260-516-42/c
Sequence 42, Application US/10260516
Publication No. US2003019093A1
GENERAL INFORMATION:
APPLICANT: FINER, MITCHELL H.
DILL, THOMAS J.
ZSEBO, KRISTINA M.
COOKE, KEGAN
PARSON, DEBORAH A.
TITLE OF INVENTION: METHOD FOR PRODUCTION OF HIGH TITER
VIRUS AND HIGH EFFICIENCY RETROVIRAL MEDIATED TRANSDUCTION
OF MAMMALIAN CELLS
NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESS:
ADDRESSEE: CELL GENESYS, INC.
STREET: 322 LAKESIDE DRIVE
CITY: FOSTER CITY
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/260,516
FILING DATE: 01-Oct-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/914,893
FILING DATE: <Unknown>
APPLICATION NUMBER: 08/517,488
FILING DATE: 21-AUG-1995
APPLICATION NUMBER: US 08/258,152
FILING DATE: 10-JUN-1994
APPLICATION NUMBER: US 08/076,299
FILING DATE: 11-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: KRUPEN, KAREN I.
REGISTRATION NUMBER: 34,647
REFERENCE/DOCKET NUMBER: CELL 13.3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-358-9600 X131
TELEFAX: 415-349-7392
INFORMATION FOR SEQ ID NO: 42:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 42:
US-10-260-516-42

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4821 CACGACCCCTGACCCT 4837
DB 19 CACGACCCCATGACCCT 3
|||||

RESULT 486
US-10-289-762-2624
Sequence 2624, Application US/10289762
Publication No. US20040006218A1
GENERAL INFORMATION:
APPLICANT: Griffield, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 2624
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-10-289-762-2624

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 604 CTCGCCAATTAAGCGCA 620
DB 3 CTCGCCAATTAAGCGCA 19
|||||

RESULT 487
US-10-210-429-38
Sequence 38, Application US/10210429
Publication No. US20040023379A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Doble
TITLE OF INVENTION: ANTISENSE MODULATION OF HEPATOMA-DERIVED GROWTH FACTOR EXPRESSION
FILE REFERENCE: PTS-0048
CURRENT APPLICATION NUMBER: US/10/210,429
CURRENT FILING DATE: 2002-07-31
NUMBER OF SEQ ID NOS: 148
SEQ ID NO 38
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-429-38

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1103 TAGCACCCAGAGAGCAG 1119
DB 4 TAGCACCCAGAGAGCAG 20
|||||

RESULT 488
US-10-210-429-109/c

```
/ Sequence 109, Application US/10210429
/ Publication No. US20040023379A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Kenneth W. Dobie
/ TITLE OF INVENTION: ANTISENSE MODULATION OF HEPATOMA-DERIVED GROWTH FACTOR EXPRESSION
/ FILE REFERENCE: PTS-0048
/ CURRENT APPLICATION NUMBER: US/10/210,429
/ CURRENT FILING DATE: 2002-07-31
/ NUMBER OF SEQ ID NOS: 148
/ SEQ ID NO 109
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: H. sapiens
/ FEATURE:
US-10-210-429-109
```

```
Query Match          0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6,7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1103 TAGCACCAGAGAGCAG 1119
DB      17 TAGCACCAGAGAGCAG 1
```

```
RESULT 489
US-10-462-261-24
/ Sequence 24, Application US/10462261
/ Publication No. US20040029248A1
/ GENERAL INFORMATION:
/ APPLICANT: Garrett M. Brodeur
/ APPLICANT: Peter S. White
/ TITLE OF INVENTION: CHD5 ENCODING NUCLEIC ACIDS,
/ POLYPEPTIDES, ANTIBODIES AND METHODS OF USE THEREOF
/ FILE REFERENCE: CHOP0162
/ CURRENT APPLICATION NUMBER: US/10/462,261
/ CURRENT FILING DATE: 2003-06-16
/ PRIOR APPLICATION NUMBER: 60/388,848
/ PRIOR FILING DATE: 2002-06-14
/ NUMBER OF SEQ ID NOS: 69
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 24
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Primer
US-10-462-261-24
```

```
Query Match          0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6,7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      3313 CAGAACACCTGGATGA 3329
DB      4 CAGAACACCTGGATGA 20
```

```
RESULT 490
US-10-633-913-81/C
/ Sequence 81, Application US/10633913
/ Publication No. US20040029277A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Pfeiler
/ TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
/ FILE REFERENCE: RTS-0326
/ CURRENT APPLICATION NUMBER: US/10/633,913
/ CURRENT FILING DATE: 2003-08-04
/ PRIOR APPLICATION NUMBER: US/09/956,712
/ PRIOR FILING DATE: 2001-09-19
/ NUMBER OF SEQ ID NOS: 91
```

```
/ SEQ ID NO 81
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-81
```

```
Query Match          0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6,7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      4303 AAGAACTGAGCTCTG 4319
DB      17 AAGAACTGAGCTTGT 1
```

```
RESULT 491
US-10-623-272-9
/ Sequence 9, Application US/10623272
/ Publication No. US20040053313A1
/ GENERAL INFORMATION:
/ APPLICANT: Gozes, Ilana
/ APPLICANT: Brennenman, Douglas E.
/ APPLICANT: Basan, Merav
/ APPLICANT: Zamostiano, Rachel
/ APPLICANT: The Government of the United States of America
/ APPLICANT: as represented by the Secretary of the
/ TITLE OF INVENTION: Department of Health and Human Services
/ FILE REFERENCE: 015280-291200US
/ CURRENT APPLICATION NUMBER: US/10/623,272
/ CURRENT FILING DATE: 2003-07-17
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/187,330
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-06
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/037,404
/ PRIOR FILING DATE: EARLIER FILING DATE: 1997-02-07
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: WO PCT/US98/02485
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-06
/ NUMBER OF SEQ ID NOS: 63
/ SOFTWARE: Patentin Ver. 2.0
/ SEQ ID NO 9
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:sense primer
US-10-623-272-9
```

```
Query Match          0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6,7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      3305 ACCTGAGAGAAACAC 3321
DB      1 ACCTGAGAGAAACAC 17
```

```
RESULT 492
US-10-307-817-382
/ Sequence 382, Application US/10307817
/ Publication No. US20040058338A1
/ GENERAL INFORMATION:
/ APPLICANT: Agee et al.
/ TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
/ FILE REFERENCE: 21402-502C
/ CURRENT APPLICATION NUMBER: US/10/307,817
/ CURRENT FILING DATE: 2002-12-02
/ NUMBER OF SEQ ID NOS: 682
/ SOFTWARE: CuraSeqIst version 0.1
/ SEQ ID NO 382
/ LENGTH: 20
```

```
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-307-817-382

Query Match          0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4596 ACTGCATGACAGAGTGC 4612
Db      1 ACTGCATGACAGAGTGC 17

RESULT 493
US-10-418-251-7/c
/ Sequence 7, Application US/10418251
/ Publication No. US20040073957A1
/ GENERAL INFORMATION:
/ APPLICANT: TOMIZUKA, KAZUMA
/ APPLICANT: YOSHIDA, HITOSHI
/ APPLICANT: HANAKURA, KAZUNORI
/ APPLICANT: OSHIMURA, MITSUO
/ APPLICANT: ISHIDA, ISAO
/ TITLE OF INVENTION: CHIMERIC ANIMAL AND METHOD FOR PRODUCING THE SAME
/ FILE REFERENCE: 081356/0114
/ CURRENT APPLICATION NUMBER: US/10/418,251
/ PRIOR FILING DATE: 2003-04-18
/ PRIOR APPLICATION NUMBER: US/09/033,936
/ PRIOR FILING DATE: 1998-03-02
/ PRIOR APPLICATION NUMBER: PCT/JP96/02427
/ PRIOR FILING DATE: 1996-08-29
/ NUMBER OF SEQ ID NOS: 74
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO: 7
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-418-251-7

Query Match          0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      865 GCAGTCTAATGCTCCCTG 881
Db      20 GCAGTCTAATGCTCCCTG 4

RESULT 494
US-09-977-418-53/c
/ Sequence 53, Application US/09977418
/ Publication No. US20030027158A1
/ GENERAL INFORMATION:
/ APPLICANT: Shimkets et al
/ TITLE OF INVENTION: No. US20030027158A1 polynucleotides and polypeptides encoded th
/ FILE REFERENCE: 15966-552
/ CURRENT APPLICATION NUMBER: US/09/977,418
/ PRIOR FILING DATE: 2001-10-15
/ PRIOR APPLICATION NUMBER: 09/584,411
/ PRIOR FILING DATE: 2000-05-31
/ PRIOR APPLICATION NUMBER: USSN 60/189,810
/ PRIOR FILING DATE: 2000-03-16
/ PRIOR APPLICATION NUMBER: USSN 60/191,158
/ PRIOR FILING DATE: 2000-03-22
/ PRIOR APPLICATION NUMBER: USSN 60/193,086
/ PRIOR FILING DATE: 2000-03-30
/ PRIOR APPLICATION NUMBER: USSN 60/201,388
/ PRIOR FILING DATE: 2000-05-03
/ NUMBER OF SEQ ID NOS: 93
```

```
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO: 53
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: chemically
US-09-977-418-53

Query Match          0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.9e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1925 CTTCTTTGACAGATGCA 1941
Db      20 CTTCTTTGACATGCA 4

RESULT 495
US-09-977-033A-53/c
/ Sequence 53, Application US/09977033A
/ Publication No. US20030082554A1
/ GENERAL INFORMATION:
/ APPLICANT: Shimkets, Richard A
/ APPLICANT: Fernandes, Elma
/ APPLICANT: Herman, John
/ APPLICANT: Vernet, Corine
/ TITLE OF INVENTION: No. US20030082554A1 nucleic acid sequences encoding human KIAA0
/ TITLE OF INVENTION: protein-like and human protein PRO28-1-like
/ FILE REFERENCE: 15966-552 CON-824
/ CURRENT APPLICATION NUMBER: US/09/977,033A
/ PRIOR FILING DATE: 2001-10-15
/ PRIOR APPLICATION NUMBER: 60/137,322
/ PRIOR FILING DATE: 1999-06-03
/ PRIOR APPLICATION NUMBER: 60/189,810
/ PRIOR FILING DATE: 2000-03-16
/ PRIOR APPLICATION NUMBER: 60/191,158
/ PRIOR FILING DATE: 2000-03-22
/ PRIOR APPLICATION NUMBER: 60/193,086
/ PRIOR FILING DATE: 2000-03-30
/ PRIOR APPLICATION NUMBER: 60/201,388
/ PRIOR FILING DATE: 2000-05-03
/ PRIOR APPLICATION NUMBER: 09/584,411
/ PRIOR FILING DATE: 2000-05-31
/ NUMBER OF SEQ ID NOS: 92
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO: 53
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: PCR
US-09-977-033A-53

Query Match          0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.9e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1925 CTTCTTTGACAGATGCA 1941
Db      20 CTTCTTTGACATGCA 4

RESULT 496
US-09-977-751C-53/c
/ Sequence 53, Application US/0997751C
/ Publication No. US20030134430A1
/ GENERAL INFORMATION:
/ APPLICANT: Shimkets, Richard A
/ APPLICANT: Fernandes, Elma
```

```

; APPLICANT: Herrman, John
; APPLICANT: Vernet, Corine
; TITLE OF INVENTION: No. US20030134430A1el Amino Acid Sequences for Human Caenorhabditis
; TITLE OF INVENTION: Polypeptides.
; FILE REFERENCE: 15966-552 CON S-40
; CURRENT APPLICATION NUMBER: US/09/977,751C
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/137,322
; PRIOR FILING DATE: 1999-06-03
; PRIOR APPLICATION NUMBER: 60/189,810
; PRIOR FILING DATE: 2000-03-16
; PRIOR APPLICATION NUMBER: 60/191,158
; PRIOR FILING DATE: 2000-03-22
; PRIOR APPLICATION NUMBER: 60/193,086
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: 60/201,388
; PRIOR FILING DATE: 2000-05-03
; PRIOR APPLICATION NUMBER: 09/584,411
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 53
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR
US-09-977-751C-53

Query Match
Best Local Similarity 94.1%; Score 15.4; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1925 CTTCTTGGAGCAGCA 1941
DB 20 CTTCTTGGAGCAGTCA 4

RESULT 497
US-09-977-639A-53/c
; Sequence 53, Application US/09977639A
; Publication No. US20030199103A1
; GENERAL INFORMATION:
; APPLICANT: Shinkets, Richard A
; APPLICANT: Fernandes, Elma
; APPLICANT: Herrman, John
; APPLICANT: Vernet, Corine
; TITLE OF INVENTION: No. US20030199103A1el amino acid sequences for human epidermal gr
; TITLE OF INVENTION: polypeptides.
; FILE REFERENCE: 15966-552 CON-834
; CURRENT APPLICATION NUMBER: US/09/977,639A
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/137,322
; PRIOR FILING DATE: 1999-06-03
; PRIOR APPLICATION NUMBER: 60/189,810
; PRIOR FILING DATE: 2000-03-16
; PRIOR APPLICATION NUMBER: 60/191,158
; PRIOR FILING DATE: 2000-03-22
; PRIOR APPLICATION NUMBER: 60/193,086
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: 60/201,388
; PRIOR FILING DATE: 2000-05-03
; PRIOR APPLICATION NUMBER: 09/584,411
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 53
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR
```

```

; OTHER INFORMATION: Primer/Probe Sequence
US-09-977-639A-53

Query Match
Best Local Similarity 94.1%; Score 15.4; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1925 CTTCTTGGAGCAGCA 1941
DB 20 CTTCTTGGAGCAGTCA 4

RESULT 498
US-09-977-819B-53/c
; Sequence 53, Application US/09977819B
; Publication No. US20040002134A1
; GENERAL INFORMATION:
; APPLICANT: Shinkets, Richard A
; APPLICANT: Fernandes, Elma
; APPLICANT: Herrman, John
; APPLICANT: Vernet, Corine
; TITLE OF INVENTION: No. US20040002134A1el nucleic acid sequences encoding human KIAA0
; TITLE OF INVENTION: protein-like and human protein PRO228-like
; FILE REFERENCE: 15966-552 CON-826
; CURRENT APPLICATION NUMBER: US/09/977,819B
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/137,322
; PRIOR FILING DATE: 1999-06-03
; PRIOR APPLICATION NUMBER: 60/189,810
; PRIOR FILING DATE: 2000-03-16
; PRIOR APPLICATION NUMBER: 60/191,158
; PRIOR FILING DATE: 2000-03-22
; PRIOR APPLICATION NUMBER: 60/193,086
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: 60/201,388
; PRIOR FILING DATE: 2000-05-03
; PRIOR APPLICATION NUMBER: 09/584,411
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 53
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR
US-09-977-819B-53

Query Match
Best Local Similarity 94.1%; Score 15.4; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1925 CTTCTTGGAGCAGCA 1941
DB 20 CTTCTTGGAGCAGTCA 4

RESULT 499
US-10-076-900-34/c
; Sequence 34, Application US/10076900
; Publication No. US20020142987A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, David B.
; APPLICANT: Wang, Bin
; APPLICANT: Ugen, Kenneth E.
; TITLE OF INVENTION: Methods of Inducing Mucosal Immunity
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESSES:
; ADDRESSER: Woodcock Washburn Kurtz Mackiewicz & No. US20020142987A1ris
; STREET: One Liberty Place 46th Floor
; CITY: Philadelphia
```

```
/ STATE: Pennsylvania
/ COUNTRY: USA
/ ZIP: 19103
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: WordPerfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/10/076,900
/ FILING DATE: 14-Feb-2002
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/357,398
/ FILING DATE: <Unknown>
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Deluca, Mark
/ REGISTRATION NUMBER: 33,229
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 215-568-3100
/ TELEFAX: 215-568-3429
/ INFORMATION FOR SEQ ID NO: 34:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 21 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ SEQUENCE DESCRIPTION: SEQ ID NO: 34:
US-10-076-900-34
```

```
Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.9e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 1261 AGCTTACAGCCCA 1277
Db 18 AGCCAAGCCCA 2
```

```
RESULT 500
US-10-247-893-6/c
/ Sequence 6, Application US/10247893
/ Publication No. US20030092046A1
/ GENERAL INFORMATION:
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Philip Dan
/ APPLICANT: Prakash, Thazha P.
/ APPLICANT: Mohan, Venkatraman
/ TITLE OF INVENTION: Guandinium Functionalized Oligomers And Methods
/ FILE REFERENCE: Is1e-4406
/ CURRENT APPLICATION NUMBER: US/10/247,893
/ CURRENT FILING DATE: 2002-09-20
/ PRIOR APPLICATION NUMBER: US/09/612,531
/ PRIOR FILING DATE: 2000-07-07
/ PRIOR APPLICATION NUMBER: 09/349,040
/ PRIOR FILING DATE: 1999-07-07
/ NUMBER OF SEQ ID NOS: 25
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 6
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide
US-10-247-893-6
```

```
Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.9e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 1186 AGAGAGAGAGAAATC 1202
```

```
Db 18 AGAGAGAGAGAAATC 2
```

```
RESULT 501
US-10-184-085A-233/c
/ Sequence 233, Application US/10184085A
/ Publication No. US20030152950A1
/ GENERAL INFORMATION:
/ APPLICANT: Garner, Harold R.
/ APPLICANT: Minna, John D.
/ APPLICANT: Luedke, Kevin, J.
/ APPLICANT: Balog, Robert P.
/ TITLE OF INVENTION: Identification of Chemically Modified Polymers
/ FILE REFERENCE: 119929-1035
/ CURRENT APPLICATION NUMBER: US/10/184,085A
/ CURRENT FILING DATE: 2002-10-01
/ PRIOR APPLICATION NUMBER: US 60/301,370
/ PRIOR FILING DATE: 2001-06-27
/ NUMBER OF SEQ ID NOS: 1291
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 233
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-184-085A-233
```

```
Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.9e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 2438 ATGAGAGGGAGAGGT 2454
Db 21 ATGAGAGGGAGAGGT 5
```

```
RESULT 502
US-10-184-085A-826/c
/ Sequence 826, Application US/10184085A
/ Publication No. US20030152950A1
/ GENERAL INFORMATION:
/ APPLICANT: Garner, Harold R.
/ APPLICANT: Minna, John D.
/ APPLICANT: Luedke, Kevin, J.
/ APPLICANT: Balog, Robert P.
/ TITLE OF INVENTION: Identification of Chemically Modified Polymers
/ FILE REFERENCE: 119929-1035
/ CURRENT APPLICATION NUMBER: US/10/184,085A
/ CURRENT FILING DATE: 2002-10-01
/ PRIOR APPLICATION NUMBER: US 60/301,370
/ PRIOR FILING DATE: 2001-06-27
/ NUMBER OF SEQ ID NOS: 1291
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 826
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-184-085A-826
```

```
Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.9e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 2437 GATGAGAGGGAGAG 2453
Db 21 GATGAGAGGGAGAG 5
```

```
RESULT 503
US-10-184-085A-939/c
/ Sequence 939, Application US/10184085A
/ Publication No. US20030152950A1
/ GENERAL INFORMATION:
```

```
/ APPLICANT: Garner, Harold R.
/ APPLICANT: Mina, John D.
/ APPLICANT: Luebke, Kevin, J.
/ APPLICANT: Balog, Robert P.
/ TITLE OF INVENTION: Identification of Chemically Modified Polymers
/ FILE REFERENCE: 119929-1035
/ CURRENT APPLICATION NUMBER: US/10/184,085A
/ CURRENT FILING DATE: 2002-10-01
/ PRIOR APPLICATION NUMBER: US 60/301,370
/ PRIOR FILING DATE: 2001-06-27
/ NUMBER OF SEQ ID NOS: 1291
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 939
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-10-184-085A-939

Query Match          0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.9e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2436 GGATGAGAGGGGAGAG 2452
DB      17  GGATGAGAGGGGAGAG 1

RESULT 504
US-10-133-937-99/c
/ Sequence 99, Application US/10/133,937
/ Publication No. US2003020278A1
/ GENERAL INFORMATION:
/ APPLICANT: Khan, Javed
/ APPLICANT: Ringner, Markus
/ APPLICANT: Peterson, Carsten
/ APPLICANT: Meltzer, Paul
/ TITLE OF INVENTION: METHODS FOR ANALYZING HIGH DIMENSIONAL DATA FOR CLASSIFYING,
/ TITLE OF INVENTION: DIAGNOSING, PROGNOSTICATING, AND/OR PREDICTING DISEASES AND
/ TITLE OF INVENTION: OTHER BIOLOGICAL STATES
/ FILE REFERENCE: 11613.56US01
/ CURRENT APPLICATION NUMBER: US/10/133,937
/ CURRENT FILING DATE: 2002-11-04
/ NUMBER OF SEQ ID NOS: 99
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 99
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Primer
/ US-10-133-937-99

Query Match          0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 6.9e+02;
Matches 17; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY      5392 TAAAAAATACAAAAAGAA 5412
DB      21  BAAAAAATACAAAAAGAA 1

RESULT 505
US-10-178-258-6
/ Sequence 6, Application US/10/178,258
/ Publication No. US2003023591A1
/ GENERAL INFORMATION:
/ APPLICANT: Kenneth W. Dobie
/ TITLE OF INVENTION: ANTISENSE MODULATION OF HEME OXYGENASE 1 EXPRESSION
/ FILE REFERENCE: HTS-0010
/ CURRENT APPLICATION NUMBER: US/10/178,258
/ CURRENT FILING DATE: 2002-06-20
/ NUMBER OF SEQ ID NOS: 66
/ SEQ ID NO 6
```

```
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: PCR Primer
/ US-10-178-258-6

Query Match          0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.9e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      928 GTTTGAGACAGCTGCC 944
DB      1  GGTTTGAGACAGCTGCC 17

RESULT 506
US-10-349-143-11559/c
/ Sequence 11559, Application US/10/349,143
/ Publication No. US2004000558A1
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumentfeld, Marta
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Blatellc markers for use in constructing a high density...
/ FILE REFERENCE: GENSET.020CPI
/ CURRENT APPLICATION NUMBER: US/10/349,143
/ CURRENT FILING DATE: 2003-01-21
/ PRIOR APPLICATION NUMBER: US/09/422,978
/ PRIOR FILING DATE: 1999-10-20
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
/ PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 11559
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..21
/ OTHER INFORMATION: downstream amplification primer 99-9778 for SEQ 3694, in compleme
/ US-10-349-143-11559

Query Match          0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.9e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2129 GGAGGAAAACTCACA 2145
DB      20  GGAGGAAAACTCAGA 4

RESULT 507
US-10-159-563-99/c
/ Sequence 99, Application US/10/159,563
/ Publication No. US20040009154A1
/ GENERAL INFORMATION:
/ APPLICANT: Ringner, Markus
/ APPLICANT: Peterson, Carsten
/ APPLICANT: Meltzer, Paul
/ TITLE OF INVENTION: SELECTIONS OF GENES AND METHODS OF USING THE SAME FOR
/ TITLE OF INVENTION: DIAGNOSIS AND FOR TARGETING THE THERAPY OF SELECT CANCERS
/ FILE REFERENCE: 11613.56US11
/ CURRENT APPLICATION NUMBER: US/10/159,563
/ CURRENT FILING DATE: 2002-12-09
/ PRIOR APPLICATION NUMBER: US 10/133,937
/ PRIOR FILING DATE: 2002-04-25
/ NUMBER OF SEQ ID NOS: 444
```

```
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 99
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Primer
US-10-159-563-99

Query Match          0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 6.9e+02;
Matches 17; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY      5392 TAAAAAATACAAAAAGAAA 5412
       :|||||:|||||:|||||:
Db      21 BAAAAAAAAAAAAAAAAAAAAA 1

RESULT 508
US-10-646-436-28/c
/ Sequence 28, Application US/10646436
/ Publication No. US20040096882A1
/ GENERAL INFORMATION:
/ APPLICANT: Jansen, Burhard
/ APPLICANT: Gleave, Martin
/ APPLICANT: Signaevsky, Maxim
/ APPLICANT: Beraldi, Bliana
/ APPLICANT: Trougakos, Ioannis
/ APPLICANT: Gonos, Efsthios
/ TITLE OF INVENTION: RNAi Probes Targeting Cancer-Related Proteins
/ FILE REFERENCE: UBC.P-030
/ CURRENT APPLICATION NUMBER: US/10/646,436
/ CURRENT FILING DATE: 2003-08-21
/ PRIOR APPLICATION NUMBER: US 60/405,193
/ PRIOR FILING DATE: 2002-08-21
/ PRIOR APPLICATION NUMBER: US 60/408,152
/ PRIOR FILING DATE: 2002-09-03
/ PRIOR APPLICATION NUMBER: US 60/473,387
/ PRIOR FILING DATE: 2003-05-20
/ NUMBER OF SEQ ID NOS: 68
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 28
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: RNAi for human IGFBP-5
US-10-646-436-28

Query Match          0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.9e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1634 AGCTGCCCAAGTCGAAG 1650
       :|||||:|||||:|||||:
Db      17 AGCTGACCCAGTCGAAG 1

RESULT 509
US-10-314-321A-56/c
/ Sequence 56, Application US/10314321A
/ Publication No. US20030190648A1
/ GENERAL INFORMATION:
/ APPLICANT: Hltachi, Ltd.
/ TITLE OF INVENTION: Gene Predicting Method
/ FILE REFERENCE: 310101185US1
/ CURRENT APPLICATION NUMBER: US/10/314,321A
/ PRIOR FILING DATE: 2002-12-09
/ PRIOR APPLICATION NUMBER: JP 2002-103333
/ PRIOR FILING DATE: 2002-04-05
/ NUMBER OF SEQ ID NOS: 65
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 56

/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (22)
/ OTHER INFORMATION: partial sequence of A1365356 , n is a, c, g or t
US-10-314-321A-56

Query Match          0.3%; Score 15.4; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 7e+02;
Matches 17; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY      5392 TAAAAAATACAAAAAGAAA 5412
       :|||||:|||||:|||||:
Db      21 BAAAAAAAAAAAAAAAAAAAAA 1

RESULT 510
US-10-309-290-190/c
/ Sequence 190, Application US/10309290
/ Publication No. US20040023241A1
/ GENERAL INFORMATION:
/ APPLICANT: Alsdbrook II, John P.
/ APPLICANT: Anderson, David W.
/ APPLICANT: Boldog, Ferenc L.
/ APPLICANT: Burgess, Catherine B.
/ APPLICANT: Chilikuru, Rajeev A.
/ APPLICANT: Edinger, Shlomit R.
/ APPLICANT: Gerlach, Valerie L.
/ APPLICANT: Gorman, Linda
/ APPLICANT: Gould-Rothberg, Bonnie E.
/ APPLICANT: Guo, Xiaojia
/ APPLICANT: Jeffers, Michael E.
/ APPLICANT: Ji, Weizhen
/ APPLICANT: Li, Li
/ APPLICANT: Malyankar, Uriel M.
/ APPLICANT: Miller, Charles E.
/ APPLICANT: Murphy, Ryan
/ APPLICANT: Paturajan, Meera
/ APPLICANT: Peyman, John A.
/ APPLICANT: Rastelli, Luca
/ APPLICANT: Rieger, Daniel K.
/ APPLICANT: Shenoy, Suresh G.
/ APPLICANT: Smltson, Glenda
/ APPLICANT: Starling, Gary
/ APPLICANT: Taupier, Raymond J.
/ APPLICANT: Voss, Edward Z.
/ APPLICANT: Zhong, Haihong
/ APPLICANT: Zhong, Mei
/ TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
/ FILE REFERENCE: 21402-502A
/ CURRENT APPLICATION NUMBER: US/10/309,290
/ CURRENT FILING DATE: 2002-12-02
/ PRIOR APPLICATION NUMBER: 60/336,600
/ PRIOR FILING DATE: 2001-12-05
/ PRIOR APPLICATION NUMBER: 60/338,285
/ PRIOR FILING DATE: 2001-12-07
/ PRIOR APPLICATION NUMBER: 60/341,346
/ PRIOR FILING DATE: 2001-12-12
/ PRIOR APPLICATION NUMBER: 60/341,477
/ PRIOR FILING DATE: 2001-12-17
/ PRIOR APPLICATION NUMBER: 60/341,540
/ PRIOR FILING DATE: 2001-12-17
/ PRIOR APPLICATION NUMBER: 60/342,592
/ PRIOR FILING DATE: 2001-12-20
/ PRIOR APPLICATION NUMBER: 60/344,297
/ PRIOR FILING DATE: 2001-12-27
/ PRIOR APPLICATION NUMBER: 60/344,903
/ PRIOR FILING DATE: 2001-12-31
/ PRIOR APPLICATION NUMBER: 60/373,288
/ PRIOR FILING DATE: 2002-04-17
/ PRIOR APPLICATION NUMBER: 60/380,981
```



```

; PRIOR FILING DATE: 2002-05-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 214
; SOFTWARE: CuroSeqlist version 0.1
; SEQ ID NO 190
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-309-290-190

Query Match
Best Local Similarity 94.1%; Score 15.4; DB 1; Length 22;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2942 CCAGAAACCTGAGAG 2958
DB 20 CCAGAAACCTGAGAG 4

RESULT 511
US-10-202-162A-15
; Sequence 15, Application US/10202162A
; Publication No. US20040191769A1
; GENERAL INFORMATION:
; APPLICANT: Marino, Michael A.
; APPLICANT: McAndrew, Patricia
; TITLE OF INVENTION: Methods, Compositions and Kits for Mutation
; FILE REFERENCE: P-733
; CURRENT APPLICATION NUMBER: US/10/202,162A
; PRIOR FILING DATE: 2002-12-30
; PRIOR APPLICATION NUMBER: US 60/392,911
; PRIOR FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: US 60/307,645
; PRIOR FILING DATE: 2001-07-24
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Forward Primer
US-10-202-162A-15

Query Match
Best Local Similarity 94.1%; Score 15.4; DB 1; Length 22;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 340 TTCCTACCACTCCCT 356
DB 3 TTCCTACCACTCCCT 19

RESULT 512
US-09-726-096A-1/C
; Sequence 1, Application US/09726096A
; Publication No. US20010016652A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Martin A.
; TITLE OF INVENTION: Compounds Processes And Intermediates For Synthesis Of Mixed Back
; FILE REFERENCE: IS164528
; CURRENT APPLICATION NUMBER: US/09/726,096A
; PRIOR FILING DATE: 2000-11-29
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
```

```

; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (1)..(20)
; OTHER INFORMATION: 2'-methoxyethoxy (MOE)
US-09-726-096A-1

Query Match
Best Local Similarity 85.0%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATCAAAAAAGAA 5412
DB 20 AAAAAATCAAAAAAGAA 1

RESULT 513
US-09-916-369A-1/C
; Sequence 1, Application US/09916369A
; Publication No. US20020058802A1
; GENERAL INFORMATION:
; APPLICANT: Dellinger, Douglas J
; APPLICANT: Perbost, Michael GM
; APPLICANT: Caruthers, Marvin H
; APPLICANT: Betley, Jason R
; TITLE OF INVENTION: Synthesis of Polynucleotides Using Combined Oxidation/Deprotection
; FILE REFERENCE: 10003869-1
; CURRENT APPLICATION NUMBER: US/09/916,369A
; PRIOR FILING DATE: 2001-07-21
; PRIOR APPLICATION NUMBER: US 09/627,249
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic sequence
US-09-916-369A-1

Query Match
Best Local Similarity 85.0%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATCAAAAAAGAA 5412
DB 20 AAAAAATCAAAAAAGAA 1

RESULT 514
US-09-916-369A-3
; Sequence 3, Application US/09916369A
; Publication No. US20020058802A1
; GENERAL INFORMATION:
; APPLICANT: Dellinger, Douglas J
; APPLICANT: Perbost, Michael GM
; APPLICANT: Caruthers, Marvin H
; APPLICANT: Betley, Jason R
; TITLE OF INVENTION: Synthesis of Polynucleotides Using Combined Oxidation/Deprotection
; FILE REFERENCE: 10003869-1
; CURRENT APPLICATION NUMBER: US/09/916,369A
; PRIOR FILING DATE: 2001-07-21
; PRIOR APPLICATION NUMBER: US 09/627,249
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 20
```

```
/ TYPE: DNA
/ ORGANISM: artificial sequence
/ FEATURE:
/ OTHER INFORMATION: synthetic sequence
US-09-916-369A-3
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5392 TAAAAAATACAAAAAGAA 5411
|||||
Db 1 TAAAAAATACAAAAAGAA 20
```

```
RESULT 515
US-09-820-339A-22
/ Sequence 22, Application US/09820339A
/ Patent No. US20020081652A1
/ GENERAL INFORMATION:
/ APPLICANT: FUCHS, Sara
/ APPLICANT: BARCHAN, Dora
/ APPLICANT: SOUBOUTON, Miriam
/ TITLE OF INVENTION: RECOMBINANT FRAGMENTS OF THE HUMAN ACETYLCHOLINE RECEPTOR AND THE
/ FILE REFERENCE: FUCHS-2A
/ CURRENT APPLICATION NUMBER: US/09/820,339A
/ CURRENT FILING DATE: 1999-11-08
/ PRIOR APPLICATION NUMBER: 09/423,398
/ PRIOR FILING DATE: 1999-11-08
/ PRIOR APPLICATION NUMBER: PCT/IL98/00211
/ PRIOR FILING DATE: 1998-05-06
/ NUMBER OF SEQ ID NOS: 32
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 22
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: synthetic
US-09-820-339A-22
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 1057 TCCACAGCAGTGTCTGGGAG 1076
|||||
Db 1 TCCACAGCAGTGTGTGAG 20
```

```
RESULT 516
US-09-973-788A-55
/ Sequence 55, Application US/09973788A
/ Patent No. US20020127574A1
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elghanian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ TITLE OF INVENTION: AND USES THEREFOR
/ FILE REFERENCE: 00-713-110
/ CURRENT APPLICATION NUMBER: US/09/973,788A
/ CURRENT FILING DATE: 2002-03-05
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
```

```
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 55
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:random
US-09-973-788A-55
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAAATCAAAAAAGAA 5412
|||||
Db 1 AAAAAAATCAAAAAAGAA 20
```

```
RESULT 517
US-09-969-373-2927
/ Sequence 2927, Application US/09969373
/ Patent No. US2002013852A1
/ GENERAL INFORMATION:
/ APPLICANT: Eflertz, Roger J.
/ APPLICANT: Hauge, Brian M.
/ TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
/ FILE REFERENCE: 38-10(52679)A
/ CURRENT APPLICATION NUMBER: US/09/969,373
/ CURRENT FILING DATE: 2001-10-02
/ PRIOR APPLICATION NUMBER: US 09/754,853
/ PRIOR FILING DATE: 2001-01-05
/ PRIOR APPLICATION NUMBER: US 09/760,427
/ PRIOR FILING DATE: 2001-01-13
/ PRIOR APPLICATION NUMBER: US 09/855,768
/ PRIOR FILING DATE: 2001-05-15
/ NUMBER OF SEQ ID NOS: 4593
/ SEQ ID NO 2927
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Glycine max
US-09-969-373-2927
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 157 GGAGAGGAGAGATCTGAG 176
|||||
Db 1 GGAGAGGAGAGACATAG 20
```

```
RESULT 518
US-09-973-638A-55
/ Sequence 55, Application US/09973638A
/ Patent No. US20020137070A1
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elghanian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ TITLE OF INVENTION: AND USES THEREFOR
/ FILE REFERENCE: 00-713-19
```

```

; CURRENT APPLICATION NUMBER: US/09/973,638A
; CURRENT FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; US-09-973-638A-55
```

```

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```

QY      5393 AAAAAAATACAAAAAGAAA 5412
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20
```

```

RESULT 519
US-09-974-007-55
; Sequence 55, Application US/09974007
; Patent No. US20020137071A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Bishanlian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-18
; CURRENT APPLICATION NUMBER: US/09/974,007
; CURRENT FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; US-09-974-007-55
```

```

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```

QY      5393 AAAAAAATACAAAAAGAAA 5412
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20
```

```

RESULT 520
US-09-976-617A-55
; Sequence 55, Application US/09976617A
; Patent No. US20020137072A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Bishanlian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-124
; CURRENT APPLICATION NUMBER: US/09/976,617A
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; US-09-976-617A-55
```

```

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```

QY      5393 AAAAAAATACAAAAAGAAA 5412
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20
```

```

RESULT 521
US-09-961-949A-55
; Sequence 55, Application US/09961949A
; Patent No. US20020146720A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Bishanlian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-11
; CURRENT APPLICATION NUMBER: US/09/961,949A
; CURRENT FILING DATE: 2001-09-20
```

;; PRIOR APPLICATION NUMBER: 09/603,830
;; PRIOR FILING DATE: 2000-06-26
;; PRIOR APPLICATION NUMBER: 09/344,667
;; PRIOR FILING DATE: 1999-06-25
;; PRIOR APPLICATION NUMBER: 09/240,755
;; PRIOR FILING DATE: 1999-01-29
;; PRIOR APPLICATION NUMBER: FCI/US97/12783
;; PRIOR FILING DATE: 1997-07-21
;; PRIOR APPLICATION NUMBER: 60/031,809
;; PRIOR FILING DATE: 1996-07-29
;; PRIOR APPLICATION NUMBER: 60/200,161
;; PRIOR FILING DATE: 2000-04-26
;; NUMBER OF SEQ ID NOS: 64
;; SOFTWARE: Microsoft Word 2000
;; SEQ ID NO 55
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-961-949A-55

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAA 5412
|||||

DB 1 AAAAAAAAAAAAAAAAAAAAA 20

RESULT 522
US-09-747-429-11
;; Sequence 11, Application US/09747429
;; Patent No. US20020146810A1
;; GENERAL INFORMATION:
;; APPLICANT: Rameshwar, Pranela
;; APPLICANT: Gascon, Pedro
;; TITLE OF INVENTION: A Human Preprothrykinn Gene Promoter
;; FILE REFERENCE: UMDNJ NJMS 97-16
;; CURRENT APPLICATION NUMBER: US/09/747,429
;; CURRENT FILING DATE: 2000-12-23
;; PRIOR APPLICATION NUMBER: US 60/171,970
;; PRIOR FILING DATE: 1999-12-23
;; NUMBER OF SEQ ID NOS: 15
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 11
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: synthetic sequence
US-09-747-429-11

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4263 CTTGACCTCTACCTGATCC 4282
|||||

DB 1 CTACCACTCTACTTCATCC 20

RESULT 523
US-09-263-959-849
;; Sequence 849, Application US/09263959
;; Patent No. US20020150891A1
;; GENERAL INFORMATION:
;; APPLICANT: Hood, Leroy E.
;; APPLICANT: Rowen, Lee
;; APPLICANT: Koop, Ben F.
;; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI

;; NUMBER OF SEQUENCES: 1279
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Seed and Berry LLP
;; STREET: 6300 Columbia Center, 701 Fifth Avenue
;; CITY: Seattle
;; STATE: Washington
;; COUNTRY: US
;; ZIP: 98104-7092
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patentin Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/263,959
;; FILING DATE: 05-MAR-1999
;; CLASSIFICATION:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: McMaisters, David D.
;; REGISTRATION NUMBER: 33,963
;; REFERENCE/DOCKET NUMBER: 920010.426C2
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (206) 622-4900
;; TELEFAX: (206) 682-6031
;; INFORMATION FOR SEQ ID NO: 849:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-09-263-959-849

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5405 AAAAAAATGAAAAATRA 5424
|||||

DB 1 AAAAAAATGAAAAAAGAA 20

RESULT 524
US-09-263-959-894
;; Sequence 894, Application US/09263959
;; Patent No. US20020150891A1
;; GENERAL INFORMATION:
;; APPLICANT: Hood, Leroy E.
;; APPLICANT: Rowen, Lee
;; APPLICANT: Koop, Ben F.
;; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
;; NUMBER OF SEQUENCES: 1279
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Seed and Berry LLP
;; STREET: 6300 Columbia Center, 701 Fifth Avenue
;; CITY: Seattle
;; STATE: Washington
;; COUNTRY: US
;; ZIP: 98104-7092
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patentin Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/263,959
;; FILING DATE: 05-MAR-1999
;; CLASSIFICATION:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: McMaisters, David D.
;; REGISTRATION NUMBER: 33,963
;; REFERENCE/DOCKET NUMBER: 920010.426C2
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 894:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-894

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5394 AAAAAATACAAAAAGAAA 5413
Db 1 AAAAAAGAAAAAAGAAAAA 20

RESULT 525

US-09-263-959-1113
; Sequence 1113, Application US/09263955
; Patent No. US20020150891A1
; GENERAL INFORMATION:

APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH USE
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:
NAME: McMaisters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 1113:

SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-1113

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4867 GGGTCTCAAGTTCTTCTCT 4886
Db 1 GGGTCGACAGATTATTTCTCT 20

RESULT 526
US-09-760-500A-55
; Sequence 55, Application US/09760500A
; Patent No. US20020155442A1
; GENERAL INFORMATION:

APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storchoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
FILE REFERENCE: 00-715-A
CURRENT APPLICATION NUMBER: US/09/760,500A
CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: random
US-09-760-500A-55

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAGAAA 5412
Db 1 AAAAAAGAAAAAAGAAAAA 20

RESULT 527

US-09-967-409A-55
; Sequence 55, Application US/09967409A
; Patent No. US20020155458A1
; GENERAL INFORMATION:

APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storchoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
FILE REFERENCE: 00-713-16
CURRENT APPLICATION NUMBER: US/09/967,409A
CURRENT FILING DATE: 2001-09-28
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000

```
/ SEQ ID NO 55
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:random
US-09-967-409A-55

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAATACAAAAAGAA 5412
Db      1 AAAAAAAAAAAAAAAAAAAAA 20

RESULT 528
US-09-975-062A-55
/ Sequence 55, Application US/09975062A
/ Patent No. US20020155459A1
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elghamian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ FILE REFERENCE: 00-713-111
/ CURRENT APPLICATION NUMBER: US/09/975,062A
/ PRIOR FILING DATE: 2001-10-11
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 55
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:random
US-09-975-062A-55

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAATACAAAAAGAA 5412
Db      1 AAAAAAAAAAAAAAAAAAAAA 20

RESULT 529
US-09-976-378A-55
/ Sequence 55, Application US/09976378A
/ Patent No. US20020155461A1
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elghamian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ FILE REFERENCE: 00-713-125
/ CURRENT APPLICATION NUMBER: US/09/976,378A
/ PRIOR FILING DATE: 2002-03-05
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 55
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:random
US-09-976-378A-55

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAATACAAAAAGAA 5412
Db      1 AAAAAAAAAAAAAAAAAAAAA 20

RESULT 530
US-09-976-577-55
/ Sequence 55, Application US/09976577
/ Patent No. US20020155462A1
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elghamian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ FILE REFERENCE: 00-713-120
/ CURRENT APPLICATION NUMBER: US/09/976,577
/ PRIOR FILING DATE: 2002-03-05
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 55
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:random
US-09-976-577-55
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/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:random
/ OTHER INFORMATION: synthetic sequence
US-09-976-577-55

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAAAAACAAAAAGAAA 5412
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 531
US-09-771-554-5/c
/ Sequence 5, Application US/09771554
/ Patent No. US20020155496A1
/ GENERAL INFORMATION:
/ APPLICANT: CHARLES, Marie Helene
/ APPLICANT: FIGA, Nadia
/ APPLICANT: BATAILL-POIRROT, Nicole
/ APPLICANT: VERON, Laurent
/ APPLICANT: DELAIR, Thelery
/ APPLICANT: MANDRAND, Bernard
/ TITLE OF INVENTION: SATURATED AND UNSATURATED ABISTANE DERIVATIVES, DERIVED CONJUGATE
/ TITLE OF INVENTION: USBS IN A DIAGNOSTIC COMPOSITION, A REAGENT AND A DEVICE
/ FILE REFERENCE: 108473
/ CURRENT APPLICATION NUMBER: US/09/771,554
/ PRIOR FILING DATE: 2001-01-31
/ PRIOR APPLICATION NUMBER: PCT/FR99/01846
/ PRIOR FILING DATE: 1999-07-27
/ PRIOR APPLICATION NUMBER: FR 98/10084
/ PRIOR FILING DATE: 1998-07-31
/ NUMBER OF SEQ ID NOS: 5
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 5
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Oligonucleotide
US-09-771-554-5

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAAAAACAAAAAGAAA 5412
Db      20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 532
US-09-978-295A-577/c
/ Sequence 577, Application US/09978295A
/ Patent No. US2002015606A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Batson, Dan
/ APPLICANT: Ferreira, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerlitsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
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/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Guiney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James/
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2630PLC11
/ CURRENT APPLICATION NUMBER: US/09/978,295A
/ PRIOR FILING DATE: 2001-10-15
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/074450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ PRIOR APPLICATION NUMBER: 60/078004
/ PRIOR FILING DATE: 1998-03-13
/ PRIOR APPLICATION NUMBER: 60/078886
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/078936
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/ PRIOR APPLICATION NUMBER: 60/079294
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/ PRIOR FILING DATE: 1998-03-27
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/ PRIOR FILING DATE: 1998-03-30
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/ PRIOR FILING DATE: 1998-03-30
/ PRIOR APPLICATION NUMBER: 60/080105
/ PRIOR FILING DATE: 1998-03-31
/ PRIOR APPLICATION NUMBER: 60/080107
/ PRIOR FILING DATE: 1998-03-31
/ PRIOR APPLICATION NUMBER: 60/080165
/ PRIOR FILING DATE: 1998-03-31
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/ PRIOR APPLICATION NUMBER: 60/080194
/ PRIOR FILING DATE: 1998-03-31
/ PRIOR APPLICATION NUMBER: 60/080327
/ PRIOR FILING DATE: 1998-04-01
/ PRIOR APPLICATION NUMBER: 60/080328
/ PRIOR FILING DATE: 1998-04-01
/ PRIOR APPLICATION NUMBER: 60/080333
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/ PRIOR FILING DATE: 1998-04-08
/ PRIOR APPLICATION NUMBER: 60/081195
/ PRIOR FILING DATE: 1998-04-08
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/ PRIOR FILING DATE: 1998-04-09
/ PRIOR APPLICATION NUMBER: 60/081229
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/ PRIOR APPLICATION NUMBER: 60/081955
/ PRIOR FILING DATE: 1998-04-15
/ PRIOR APPLICATION NUMBER: 60/081817
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/ PRIOR FILING DATE: 1998-04-15
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/ PRIOR FILING DATE: 1998-04-21
/ PRIOR APPLICATION NUMBER: 60/082569
/ PRIOR FILING DATE: 1998-04-21
/ PRIOR APPLICATION NUMBER: 60/082704
/ PRIOR FILING DATE: 1998-04-22
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/ PRIOR FILING DATE: 1998-04-22
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/ PRIOR FILING DATE: 1998-04-22
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/ PRIOR FILING DATE: 1998-04-22
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/ PRIOR APPLICATION NUMBER: 60/083559
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/083500
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/083742
/ PRIOR FILING DATE: 1998-04-30
/ PRIOR APPLICATION NUMBER: 60/084366
/ PRIOR FILING DATE: 1998-05-05
/ PRIOR APPLICATION NUMBER: 60/084414

/ PRIOR FILING DATE: 1998-05-06
/ PRIOR APPLICATION NUMBER: 60/084441
/ PRIOR FILING DATE: 1998-05-06
/ PRIOR APPLICATION NUMBER: 60/084637
/ PRIOR FILING DATE: 1998-05-07
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/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/084640
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/ PRIOR APPLICATION NUMBER: 60/084598
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/ PRIOR APPLICATION NUMBER: 60/085582
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085700
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085689
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085579
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085580
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085573
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085704
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5196 TCAGGTGAGGAGCCACGTG 5215
Db 20 TCAGGTGAGGAGCCACGTG 1

RESULT 533
US-09-975-498-55
Sequence 55, Application US/09975498
Publication No. US20020160381A1
GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storchoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-114
CURRENT APPLICATION NUMBER: US/09/975,498
CURRENT FILING DATE: 2001-10-11
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809


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/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 55
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:random
US-09-975-498-55
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Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Qy      5393 AAAAAATACAAAAGAAA 5412
Db      1 AAAAAAAAAAAAAAAAAAAAA 20
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RESULT 534
US-09-966-312-55
/ Sequence 55, Application US/09966312
/ Patent No. US20020164605A1
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Leteinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elghanian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ FILE REFERENCE: 00-713-15
/ CURRENT APPLICATION NUMBER: US/09/966,312
/ PRIOR FILING DATE: 2002-05-07
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 55
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:random
US-09-966-312-55
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```
Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Qy      5393 AAAAAATACAAAAGAAA 5412
Db      1 AAAAAAAAAAAAAAAAAAAAA 20
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RESULT 535
US-09-978-697-577/c
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/ Sequence 577, Application US/09978697
/ Patent No. US20020169284A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Batton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Pivarofoff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C27
/ CURRENT APPLICATION NUMBER: US/09/978,697
/ PRIOR FILING DATE: 2001-10-16
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ PRIOR APPLICATION NUMBER: 60/078004
/ PRIOR FILING DATE: 1998-03-13
/ PRIOR APPLICATION NUMBER: 60/078886
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/078936
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/078910
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/078939
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/079294
/ PRIOR FILING DATE: 1998-03-25
/ PRIOR APPLICATION NUMBER: 60/079656
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/ PRIOR FILING DATE: 1998-03-27
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/ PRIOR FILING DATE: 1998-03-27
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/ PRIOR APPLICATION NUMBER: 60/079663
/ PRIOR FILING DATE: 1998-03-27
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/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079786
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079920
/ PRIOR FILING DATE: 1998-03-30
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/ PRIOR FILING DATE: 1998-03-30
/ PRIOR APPLICATION NUMBER: 60/080105
/ PRIOR FILING DATE: 1998-03-31
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/ PRIOR APPLICATION NUMBER: 60/080194
/ PRIOR FILING DATE: 1998-03-31
/ PRIOR APPLICATION NUMBER: 60/080327
/ PRIOR FILING DATE: 1998-04-01
/ PRIOR APPLICATION NUMBER: 60/080328
/ PRIOR FILING DATE: 1998-04-01
/ PRIOR APPLICATION NUMBER: 60/080333
/ PRIOR FILING DATE: 1998-04-01
/ PRIOR APPLICATION NUMBER: 60/080334
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/ PRIOR FILING DATE: 1998-04-29
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/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/083545
/ PRIOR FILING DATE: 1998-04-29
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/ PRIOR FILING DATE: 1998-04-29
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/ PRIOR FILING DATE: 1998-04-30
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/ PRIOR APPLICATION NUMBER: 60/084414
/ PRIOR FILING DATE: 1998-05-06
/ PRIOR APPLICATION NUMBER: 60/084441
/ PRIOR FILING DATE: 1998-05-06
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/ PRIOR FILING DATE: 1998-05-07
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/ PRIOR FILING DATE: 1998-05-15
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/ PRIOR APPLICATION NUMBER: 60/085573
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085704
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5196 TCAGGTGGAGCCACGTG 5215
|||||
DB 20 TCAGTGAAGGCCACGTG 1

RESULT 536
US-09-927-777A-55
/ Sequence 55, Application US/09927777A
/ Patent No. US20020172953A1
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.

```

; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-653-A
; CURRENT APPLICATION NUMBER: US/09/927,777A
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/213,906
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/224,631
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/254,392
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-927-777A-55

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAAA 5412
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 537
US-09-927-777A-70
; Sequence 70, Application US/09927777A
; Patent No. US20020172953A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
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; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-653-A
; CURRENT APPLICATION NUMBER: US/09/927,777A
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/213,906
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/224,631
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/254,392
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Microsoft Word 2000
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; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-927-777A-70

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAAA 5412
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 538
US-09-978-192A-577/c
; Sequence 577, Application US/09978192A
; Patent No. US20020177553A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Etkin, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurley, Austin L.
; APPLICANT: Hillan, Kenneth J
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APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James:
APPLICANT: Paoni, Nicholas P.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC9
CURRENT APPLICATION NUMBER: US/09/978,192A
PRIOR FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
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PRIOR APPLICATION NUMBER: 60/084414
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PRIOR FILING DATE: 1998-05-06

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/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/084640
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/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085573
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085704
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085697
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Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 5196 TCAGCTGGAGGCCACGTG 5215
DB 20 TCAGTGTGAAGGCCACGTG 1
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RESULT 539
US-09-966-491A-55
/ Sequence 55, Application US/09966491A
/ Publication No. US2002018261A1
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Bishanlian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ FILE REFERENCE: 00-713-14
/ CURRENT APPLICATION NUMBER: US/09/966,491A
/ PRIOR FILING DATE: 2002-03-12
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
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/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 55
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:random
US-09-966-491A-55
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Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 5393 AAAAAATACAAAAAGAAA 5412
DB 1 AAAAAAAAAAAAAAAAAAAAAA 20
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RESULT 540
US-09-976-971A-55
/ Sequence 55, Application US/09976971A
/ Publication No. US2002018261A1
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Bishanlian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ FILE REFERENCE: 00-713-118
/ CURRENT APPLICATION NUMBER: US/09/976,971A
/ PRIOR FILING DATE: 2001-10-12
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 55
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:random
US-09-976-971A-55
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```
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 5393 AAAAAATACAAAAAGAAA 5412
DB 1 AAAAAAAAAAAAAAAAAAAAAA 20
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RESULT 541
US-09-999-832A-577/C
/ Sequence 577, Application US/09999832A
/ Publication No. US20020192706A1
/ GENERAL INFORMATION:
```

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Borstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerltsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavitt, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P26501C63
CURRENT FILING DATE: US/09/999,832A
PRIOR APPLICATION NUMBER: 2001-10-24
PRIOR FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
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/ PRIOR APPLICATION NUMBER: 60/085573
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085704
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085697
/ PRIOR APPLICATION NUMBER: 60/085697

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Cy      5196 TCAGCTGAGGAGCCACGTG 5215
Db      20 TCAGTGTGAAGGCCACGTG 1
```

```
RESULT 542
US-09-978-189-577/c
/ Sequence 577, Application US/09978189
/ GENERAL INFORMATION:
/ APPLICANT: Aekhenazi, Avi
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Saton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
```

```
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James J.
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2630PIC7
/ CURRENT APPLICATION NUMBER: US/09/978,189
/ PRIOR FILING DATE: 2001-10-15
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/07450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/07632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ PRIOR APPLICATION NUMBER: 60/078004
/ PRIOR FILING DATE: 1998-03-13
/ PRIOR APPLICATION NUMBER: 60/078886
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/078936
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/078910
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/078939
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/079294
/ PRIOR FILING DATE: 1998-03-25
/ PRIOR APPLICATION NUMBER: 60/079656
/ PRIOR FILING DATE: 1998-03-26
/ PRIOR APPLICATION NUMBER: 60/079664
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079689
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079663
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079728
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079786
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079920
/ PRIOR FILING DATE: 1998-03-30
/ PRIOR APPLICATION NUMBER: 60/079923
/ PRIOR FILING DATE: 1998-03-30
```

```
/ PRIOR APPLICATION NUMBER: 60/080105
/ PRIOR FILING DATE: 1998-03-31
/ PRIOR APPLICATION NUMBER: 60/080107
/ PRIOR FILING DATE: 1998-03-31
/ PRIOR APPLICATION NUMBER: 60/080165
/ PRIOR FILING DATE: 1998-03-31
/ PRIOR APPLICATION NUMBER: 60/080194
/ PRIOR FILING DATE: 1998-03-31
/ PRIOR APPLICATION NUMBER: 60/080327
/ PRIOR FILING DATE: 1998-04-01
/ PRIOR APPLICATION NUMBER: 60/080328
/ PRIOR FILING DATE: 1998-04-01
/ PRIOR APPLICATION NUMBER: 60/080333
/ PRIOR FILING DATE: 1998-04-01
/ PRIOR APPLICATION NUMBER: 60/080334
/ PRIOR FILING DATE: 1998-04-01
/ PRIOR APPLICATION NUMBER: 60/081070
/ PRIOR FILING DATE: 1998-04-08
/ PRIOR APPLICATION NUMBER: 60/081049
/ PRIOR FILING DATE: 1998-04-08
/ PRIOR APPLICATION NUMBER: 60/081071
/ PRIOR FILING DATE: 1998-04-08
/ PRIOR APPLICATION NUMBER: 60/081195
/ PRIOR FILING DATE: 1998-04-08
/ PRIOR APPLICATION NUMBER: 60/081203
/ PRIOR FILING DATE: 1998-04-09
/ PRIOR APPLICATION NUMBER: 60/081229
/ PRIOR FILING DATE: 1998-04-09
/ PRIOR APPLICATION NUMBER: 60/081555
/ PRIOR FILING DATE: 1998-04-15
/ PRIOR APPLICATION NUMBER: 60/081817
/ PRIOR FILING DATE: 1998-04-15
/ PRIOR APPLICATION NUMBER: 60/081819
/ PRIOR FILING DATE: 1998-04-15
/ PRIOR APPLICATION NUMBER: 60/081952
/ PRIOR FILING DATE: 1998-04-15
/ PRIOR APPLICATION NUMBER: 60/081838
/ PRIOR FILING DATE: 1998-04-15
/ PRIOR APPLICATION NUMBER: 60/082568
/ PRIOR FILING DATE: 1998-04-21
/ PRIOR APPLICATION NUMBER: 60/082569
/ PRIOR FILING DATE: 1998-04-21
/ PRIOR APPLICATION NUMBER: 60/082704
/ PRIOR FILING DATE: 1998-04-22
/ PRIOR APPLICATION NUMBER: 60/082804
/ PRIOR FILING DATE: 1998-04-22
/ PRIOR APPLICATION NUMBER: 60/082700
/ PRIOR FILING DATE: 1998-04-22
/ PRIOR APPLICATION NUMBER: 60/082797
/ PRIOR FILING DATE: 1998-04-22
/ PRIOR APPLICATION NUMBER: 60/082796
/ PRIOR FILING DATE: 1998-04-23
/ PRIOR APPLICATION NUMBER: 60/083336
/ PRIOR FILING DATE: 1998-04-27
/ PRIOR APPLICATION NUMBER: 60/083322
/ PRIOR FILING DATE: 1998-04-28
/ PRIOR APPLICATION NUMBER: 60/083392
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/083495
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/083496
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/083499
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/083545
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/083554
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/083558
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/083559
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/083500
```

```
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/083742
/ PRIOR FILING DATE: 1998-04-30
/ PRIOR APPLICATION NUMBER: 60/084366
/ PRIOR FILING DATE: 1998-05-05
/ PRIOR APPLICATION NUMBER: 60/084414
/ PRIOR FILING DATE: 1998-05-06
/ PRIOR APPLICATION NUMBER: 60/084441
/ PRIOR FILING DATE: 1998-05-06
/ PRIOR APPLICATION NUMBER: 60/084637
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/084639
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/084640
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/084598
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/084600
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/084627
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/084643
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/085339
/ PRIOR FILING DATE: 1998-05-13
/ PRIOR APPLICATION NUMBER: 60/085338
/ PRIOR FILING DATE: 1998-05-13
/ PRIOR APPLICATION NUMBER: 60/085323
/ PRIOR FILING DATE: 1998-05-13
/ PRIOR APPLICATION NUMBER: 60/085582
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085700
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085689
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085579
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085580
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085573
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085704
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085697
```

```
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5196 TCAGCGTGGAGGCCACGTG 5215
|||||
Db 20 TCAGGTGAAGGCCACGTG 1
```

```
RESULT 543
US-09-880-505-83
/ Sequence 83, Application US/09880505
/ Publication No. US20030007976A1
/ GENERAL INFORMATION:
/ APPLICANT: Watson, James D.
/ APPLICANT: Tan, Paul U.T.
/ TITLE OF INVENTION: Prestidge, Ross
/ TITLE OF INVENTION: Methods and Compounds for the Treatment
/ FILE REFERENCE: 11000.1007c2
/ CURRENT APPLICATION NUMBER: US/09/880,505
/ CURRENT FILING DATE: 2001-06-13
/ PRIOR APPLICATION NUMBER: US 09/324,542
/ PRIOR FILING DATE: 1999-06-02
/ PRIOR APPLICATION NUMBER: US 08/997,080
/ PRIOR FILING DATE: 1997-12-23
/ NUMBER OF SEQ ID NOS: 194
/ SOFTWARE: FASTSEQ for Windows Version 3.0
```



```
/ SEQ ID NO 83
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Made in a lab
US-09-880-505-83
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATACAAAAAGAAA 5412
      ||||| ||||| ||||| |||||
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20
```

```
RESULT 544
US-09-820-279B-55
/ Sequence 55, Application US/09820279B
/ Publication No. US20030022169A1
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elghamian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ FILE REFERENCE: 00-1085-A
/ CURRENT APPLICATION NUMBER: US/09/820,279B
/ PRIOR FILING DATE: 2001-03-28
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 55
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:random
US-09-820-279B-55
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATACAAAAAGAAA 5412
      ||||| ||||| ||||| |||||
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20
```

```
RESULT 545
US-09-888-326-2
/ Sequence 2, Application US/09888326
/ Publication No. US20030026801A1
/ GENERAL INFORMATION:
/ APPLICANT: Weiner, George
/ APPLICANT: Hartmann, Gunther
/ TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
```

```
/ TITLE OF INVENTION: Cell Lysis and Treating Cancer
/ FILE REFERENCE: C1039/7052 (AMS)
/ CURRENT APPLICATION NUMBER: US/09/888,326
/ CURRENT FILING DATE: 2001-06-22
/ PRIOR APPLICATION NUMBER: US 60/213,346
/ PRIOR FILING DATE: 2000-06-22
/ NUMBER OF SEQ ID NOS: 848
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 2
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide
/ NAME/KEY: misc_feature
/ LOCATION: (0)...(0)
/ OTHER INFORMATION: phosphodiester backbone
US-09-888-326-2
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATACAAAAAGAAA 5412
      ||||| ||||| ||||| |||||
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20
```

```
RESULT 546
US-09-888-326-601/c
/ Sequence 601, Application US/09888326
/ Publication No. US20030026801A1
/ GENERAL INFORMATION:
/ APPLICANT: Weiner, George
/ APPLICANT: Hartmann, Gunther
/ TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
/ TITLE OF INVENTION: Cell Lysis and Treating Cancer
/ FILE REFERENCE: C1039/7052 (AMS)
/ CURRENT APPLICATION NUMBER: US/09/888,326
/ CURRENT FILING DATE: 2001-06-22
/ PRIOR APPLICATION NUMBER: US 60/213,346
/ PRIOR FILING DATE: 2000-06-22
/ NUMBER OF SEQ ID NOS: 848
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 601
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide
/ NAME/KEY: misc_feature
/ LOCATION: (0)...(0)
/ OTHER INFORMATION: phosphodiester backbone
US-09-888-326-601
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5129 AGGAATAGAGGAGACATGGA 5148
      ||||| ||||| ||||| |||||
Db      20 AGGATCAGAGGAGCATGGA 1
```

```
RESULT 547
US-09-888-326-838/c
/ Sequence 838, Application US/09888326
/ Publication No. US20030026801A1
/ GENERAL INFORMATION:
/ APPLICANT: Weiner, George
/ APPLICANT: Hartmann, Gunther
/ TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
/ TITLE OF INVENTION: Cell Lysis and Treating Cancer
```

```
/ FILE REFERENCE: C1039/7052 (AMS)
/ CURRENT APPLICATION NUMBER: US/09/888,326
/ CURRENT FILING DATE: 2001-06-22
/ PRIOR APPLICATION NUMBER: US 60/213,346
/ PRIOR FILING DATE: 2000-06-22
/ NUMBER OF SEQ ID NOS: 848
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 838
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide
/ NAME/KEY: misc.feature
/ LOCATION: (0)..(0)
/ OTHER INFORMATION: phosphorothioate backbone
US-09-888-326-838
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAAAAAACAAAAAGAAA 5412
DB 20 AAAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 548
US-09-888-326-839/c
/ Sequence 839, Application US/09888326
/ Publication No. US20030026801A1
/ GENERAL INFORMATION:
/ APPLICANT: Weinert, George
/ APPLICANT: Hartmann, Gunther
/ TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
/ TITLE OF INVENTION: Cell Lysis and Treating Cancer
/ FILE REFERENCE: C1039/7052 (AMS)
/ CURRENT APPLICATION NUMBER: US/09/888,326
/ CURRENT FILING DATE: 2001-06-22
/ PRIOR APPLICATION NUMBER: US 60/213,346
/ PRIOR FILING DATE: 2000-06-22
/ NUMBER OF SEQ ID NOS: 848
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 839
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide
/ NAME/KEY: misc.feature
/ LOCATION: (0)..(0)
/ OTHER INFORMATION: phosphodiester backbone
US-09-888-326-839
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAAAAAACAAAAAGAAA 5412
DB 20 AAAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 549
US-09-931-375A-48/c
/ Sequence 48, Application US/09931375A
/ Publication No. US20030027151A1
/ GENERAL INFORMATION:
/ APPLICANT: WARMAN, Matthew L.
/ APPLICANT: GONG, Yaqin
/ APPLICANT: OLSEN, Bjorn R.
/ APPLICANT: RAMADI, Georges
/ APPLICANT: ROMAN-ROMAN, Sergio
```

```
/ TITLE OF INVENTION: REGULATOR GENE AND SYSTEM USEFUL FOR THE DIAGNOSIS AND THERAPY OF
/ TITLE OF INVENTION: OSTROPOPOSIS
/ FILE REFERENCE: 38464-0004
/ CURRENT APPLICATION NUMBER: US/09/931,375A
/ CURRENT FILING DATE: 2001-08-17
/ PRIOR APPLICATION NUMBER: US 60/304,851
/ PRIOR FILING DATE: 2001-07-13
/ PRIOR APPLICATION NUMBER: US 60/234,337
/ PRIOR FILING DATE: 2000-09-22
/ PRIOR APPLICATION NUMBER: US 60/226,119
/ PRIOR FILING DATE: 2000-08-18
/ NUMBER OF SEQ ID NOS: 89
/ SOFTWARE: PatentIn Version 3.0
/ SEQ ID NO 48
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Primer
US-09-931-375A-48
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 4160 CCCCCTTGAGAGTCTCTCTG 4179
DB 20 CCACCATGAGAGTCTCTCTG 1
```

```
RESULT 550
US-09-981-344-55
/ Sequence 55, Application US/09981344
/ Publication No. US20030044805A1
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elghanian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ TITLE OF INVENTION: AND USES THEREFOR
/ FILE REFERENCE: 00-713-122
/ CURRENT APPLICATION NUMBER: US/09/981,344
/ CURRENT FILING DATE: 2002-03-05
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 55
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: random
/ OTHER INFORMATION: Synthetic Sequence
US-09-981-344-55
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

QY 5393 AAAAAATACAAAAAGAAA 5412
|||||
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 551
US-09-978-608A-577/c

/ Sequence 577, Application US/09978608A
/ Publication No. US20030045462A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavitt, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C22
/ CURRENT APPLICATION NUMBER: US/09/978,608A
/ CURRENT FILING DATE: 2001-10-16
/ NUMBER OF SEQ ID NOS: 624
/ Prior Application removed - See File Wrapper or Palm
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-978-608A-577

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5196 TCAGCTGGAGGCCACGTG 5215
|||||
Db 20 TCAGCTGGAAGGCCACGTG 1

RESULT 552
US-09-865-866-169/c
/ Sequence 169, Application US/09865866
/ Publication No. US20030045487A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP IIA (SYNOVIAL) EX
/ FILE REFERENCE: RTS-0221
/ CURRENT APPLICATION NUMBER: US/09/865,866
/ CURRENT FILING DATE: 2001-05-25
/ NUMBER OF SEQ ID NOS: 173

/ SEQ ID NO 169
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-865-866-169

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 458 TCCTGCTGTATACCTCAG 477
|||||
Db 20 TCCTGCTGTCTTCCTCAG 1

RESULT 553
US-09-957-318A-55
/ Sequence 55, Application US/09957318A
/ Publication No. US20030049630A1
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elghanian, Robert
/ APPLICANT: Taton, Thomas A.

/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ FILE REFERENCE: 00-713-12
/ CURRENT APPLICATION NUMBER: US/09/957,318A
/ CURRENT FILING DATE: 2002-03-05

/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1998-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 55
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: random
US-09-957-318A-55

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412
|||||
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 554
US-09-974-500A-55
/ Sequence 55, Application US/09974500A
/ Publication No. US20030049631A1
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.

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; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-17
; CURRENT APPLICATION NUMBER: US/09/974,500A
; CURRENT FILING DATE: 2002-04-01
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-974-500A-55
Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Qy      5393 AAAAAAAAAACAAAAGAAA 5412
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20
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RESULT 555
US-09-978-585A-577/c
; Sequence 577, Application US/09978585A
; Publication No. US20030049633A1
; GENERAL INFORMATION:
; APPLICANT: Aebkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Flvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Thomas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
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; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC15
; CURRENT APPLICATION NUMBER: US/09/978,585A
; CURRENT FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 624
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 577
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-978-585A-577
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Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      5196 TCAGCGTGAGAGGCCACGTG 5215
Db      20 TCAGGTGTAAGGCCACGTG 1
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RESULT 556
US-09-978-191A-577/c
; Sequence 577, Application US/09978191A
; Publication No. US20030050239A1
; GENERAL INFORMATION:
; APPLICANT: Aebkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Flvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Thomas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC4
; CURRENT APPLICATION NUMBER: US/09/978,191A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
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2	PRIOR APPLICATION NUMBER: 60/0776411	
3	PRIOR FILING DATE: 1998-03-11	
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7	PRIOR FILING DATE: 1998-03-12	
8	PRIOR APPLICATION NUMBER: 60/0780004	
9	PRIOR FILING DATE: 1998-03-13	
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16	PRIOR APPLICATION NUMBER: 60/0789324	
17	PRIOR FILING DATE: 1998-03-25	
18	PRIOR APPLICATION NUMBER: 60/0796566	
19	PRIOR FILING DATE: 1998-03-26	
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PRIOR FILING DATE:	1998-05-05
PRIOR APPLICATION NUMBER:	60/0844411
PRIOR FILING DATE:	1998-05-06
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PRIOR FILING DATE:	1998-05-07
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;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 5196 TCAGGTGGAGGCCACGTG 5215

DB 20 TCAGGTGGAAGGCCACGTG 1

RESULT 557
US-09-978-403A-577/c
Sequence 577, Application US/09978403A
Publication No. US20030050240A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C17
CURRENT APPLICATION NUMBER: US/09/978,403A
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
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PRIOR FILING DATE: 1998-03-11
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;; PRIOR FILING DATE: 1998-05-15
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;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches: 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 5196 TCAGCTGGAGGCCACGTG 5215
DB 20 TCAGTGTGAAGGCCACGTG 1
RESULT 558
US-09-978-564A-577/c
; Sequence 577, Application US/09978564A
; Publication No. US20030050241A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Flvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Guiney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
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; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC25
; CURRENT APPLICATION NUMBER: US/09/978,564A
;; CURRENT FILING DATE: 2001-10-16
;; PRIOR APPLICATION NUMBER: 09/918585
;; PRIOR FILING DATE: 2001-07-30
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;; PRIOR FILING DATE: 1997-10-17
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PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5196 TCAGGTGGAGGCGACGTG 5215
DB 20 TCAGGTGAAAGGCCACGTG 1


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RESULT 559
US-09-975-376A-55
/ Sequence 55, Application US/09975376A
/ Publication No. US20030054358A1
/ GENERAL INFORMATION:
/ APPLICANT: Markin, Chad A.
/ APPLICANT: Lettinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elghanayan, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ FILE REFERENCE: 00-713-112
/ CURRENT APPLICATION NUMBER: US/09/975,376A
/ PRIOR FILING DATE: 2002-05-07
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 55
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:random
US-09-975-376A-55

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAAAAAAGAAA 5412
DB      1 AAAAAAAAAAAGAAA 20

RESULT 560
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/ Sequence 577, Application US/0999833A
/ Publication No. US20030054405A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Baton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerltzen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Grimaldi, Paul J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
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/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC65
/ CURRENT APPLICATION NUMBER: US/09/999,833A
/ PRIOR FILING DATE: 2001-10-24
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
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/ PRIOR APPLICATION NUMBER: 60/064249
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/ PRIOR FILING DATE: 1998-05-15
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Query Match 0.3% Score 15.2; DB 1; Length 20;
Beet Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5196 TCAGCGTGAGGCGCACGTG 5215
Db 20 TCAGGTGAAAGGCACGTG 1

RESULT 561
US-09-981-915A-577/c
Sequence 577, Application US/09981915A
Publication No. US20030054986A1
GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Baton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Flivarov, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerlisen, Mary B.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C12
CURRENT APPLICATION NUMBER: US/09/981,915A
PRIOR FILING DATE: 2001-10-16
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/ PRIOR APPLICATION NUMBER: 60/085573
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085704
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085697
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Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Qy 5196 TCAGCGTGGAGGCCACGTG 5215
Db 20 TCAGTGTGAAGGCCACGTG 1
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RESULT 562
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US-09-978-824-577/c
/ Sequence 577, Application US/09978824
/ Publication No. US20030055216A1
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GENERAL INFORMATION:
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/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desmoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gertschen, Mary B.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tuma, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C14
/ CURRENT APPLICATION NUMBER: US/09/978,824
/ CURRENT FILING DATE: 2001-10-17
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/ PRIOR APPLICATION NUMBER: 09/918585
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/ PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 5196 TCAGCGTGGAGCCACGTG 5215
DB 20 TCAGTGTGAAGCCACGTG 1

RESULT 563
US-09-957-313A-55
/ Sequence 55, Application US/09957313A
/ Publication No. US20030059777A1
/ GENERAL INFORMATION:
/ APPLICANT: Markin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elghanian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ FILE REFERENCE: 00-713-13
/ CURRENT APPLICATION NUMBER: US/09/957,313A
/ CURRENT FILING DATE: 2002-03-05
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 55
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: random
/ OTHER INFORMATION: synthetic sequence
US-09-957-313A-55

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
OY 5393 AAAAAATCAAAAGANA 5412

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;; PRIOR APPLICATION NUMBER: 60/086023

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5196 TCAGCGTGGAGCCACGTG 5215
DB 20 TCAGTGTGAAGCCACGTG 1

RESULT 566
US-09-997-672-40/c
;; Sequence 40, Application US/09997672
;; Publication No. US20030061632A1
;; GENERAL INFORMATION:
;; APPLICANT: Metelings, Koen
;; APPLICANT: Apuya, Nestor R.
;; APPLICANT: Tatarinova, Tatiana
;; APPLICANT: Goldberg, Robert B.
;; APPLICANT: The Regents of the University of California
;; APPLICANT: Ceres, Inc.
;; TITLE OF INVENTION: Polynucleotides Useful for Modulating Transcription
;; FILE REFERENCE: 023070-11810US
;; CURRENT APPLICATION NUMBER: US/09/997,672
;; CURRENT FILING DATE: 2001-11-28
;; PRIOR APPLICATION NUMBER: US 60/253,672
;; PRIOR FILING DATE: 2000-11-28
;; NUMBER OF SEQ ID NOS: 42
;; SOFTWARE: PatentIn Ver. 2.1
;; SEQ ID NO 40

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/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURES:
/ OTHER INFORMATION: Description of Artificial Sequence:oligo(dt-20)
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US-09-997-672-40

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAATTCAGAAAAAGAAA 5412
Db       20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 567
US-09-999-834A-577/c
/ Sequence 577, Application US/09999834A
/ Publication No. US20030064407A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnuyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerltsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Thmas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2630P1C75
/ CURRENT APPLICATION NUMBER: US/09/999,834A
/ CURRENT FILING DATE: 2001-10-24
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
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PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084639
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07
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PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084643
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
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PRIOR FILING DATE: 1998-05-13
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PRIOR FILING DATE: 1998-05-15
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PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query: Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5196 TCAGGTGGAGGCCACGTG 5215

Db 20 TCAGGTGAAAGGCCACGTG 1

RESULT 568

US-09-976-863A-55

Sequence 55, Application US/09976863A

Publication No. US20030068622A1

GENERAL INFORMATION:

APPLICANT: Mirkin, Chad A.

APPLICANT: Lettinger, Robert L.

APPLICANT: Mucic, Robert C.

APPLICANT: Storchhoff, James J.

APPLICANT: Elghamhlan, Robert

APPLICANT: Taton, Thomas A.

TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THEREFO

FILE REFERENCE: 00-713-119

CURRENT APPLICATION NUMBER: US/09/976,863A

CURRENT FILING DATE: 2001-10-12

PRIOR APPLICATION NUMBER: 09/603,830

PRIOR FILING DATE: 2000-06-26

PRIOR APPLICATION NUMBER: 09/344,667

PRIOR FILING DATE: 1999-06-25

PRIOR APPLICATION NUMBER: 09/240,755

PRIOR FILING DATE: 1999-01-29

PRIOR APPLICATION NUMBER: PCT/US97/12783

PRIOR FILING DATE: 1997-07-21

PRIOR APPLICATION NUMBER: 60/031,809

PRIOR FILING DATE: 1996-07-29

PRIOR APPLICATION NUMBER: 60/200,161

PRIOR FILING DATE: 2000-04-26

NUMBER OF SEQ ID NOS: 64

SOFTWARE: Microsoft Word 2000

SEQ ID NO 55

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURES:

OTHER INFORMATION: Description of Artificial Sequence: random

US-09-976-863A-55

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATCAAAAAAGAA 5412

Db 1 AAAAAAAAAAAAAAAAAA 20

RESULT 569

US-09-978-423A-577/c

Sequence 577, Application US/09978423A

Publication No. US20030069178A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

APPLICANT: Baker Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Baton, Dan

APPLICANT: Ferrara, Napoleon

APPLICANT: Filvarolf, Ellen

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kilevin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC21
CURRENT FILING DATE: 2002-05-16
PRIOR APPLICATION NUMBER: US/09/978,423A
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
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PRIOR APPLICATION NUMBER: 60/079923
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PRIOR APPLICATION NUMBER: 60/080105
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080107

PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
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PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080334
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PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
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PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
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PRIOR FILING DATE: 1998-04-29
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PRIOR FILING DATE: 1998-04-29
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PRIOR FILING DATE: 1998-04-30

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; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
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; PRIOR FILING DATE: 1998-05-07
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; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697
; PRIOR APPLICATION NUMBER: 60/085697

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Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY      5196 TCAGCTGGAGGCGCACGTG 5215
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Db      20 TCAGTGTGAAGCCACGCTG 1

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RESULT 570
US-09-881-535-2/c
; Sequence 2, Application US/09881535
; Publication No. US20030069410A1
; GENERAL INFORMATION:
; APPLICANT: Ravikumar, Vasulunga T.
; TITLE OF INVENTION: Methods For Preparing Oligonucleotides Having Chiral Phosphorothioate Linkages
; FILE REFERENCE: IS164785
; CURRENT APPLICATION NUMBER: US/09/881,535
; CURRENT FILING DATE: 2001-06-14
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; FEATURES:
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: No. US20030069410A1el Sequence
US-09-881-535-2

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Query Match      0.3%; Score 15.2; DB 1; Length 20;

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Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY      5393 AAAAAATTCAAAAAGAAA 5412
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Db      20 AAAAAAAAAAAAAAAAAAAAA 1

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RESULT 571
US-09-978-193A-577/c
; Sequence 577, Application US/09978193A
; Publication No. US20030073624A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Flvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Aubin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, Jamesi
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same
; FILE REFERENCE: P2630PLC6
; CURRENT APPLICATION NUMBER: US/09/978,193A
; CURRENT FILING DATE: 2002-02-21
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
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; PRIOR FILING DATE: 1998-03-20
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; PRIOR FILING DATE: 1998-03-20

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PROR APPLICATION NUMBER: 60/078939
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PROR FILING DATE: 1998-03-26
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PROR FILING DATE: 1998-03-31
PROR APPLICATION NUMBER: 60/080107
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PROR FILING DATE: 1998-03-31
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PROR FILING DATE: 1998-04-08
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PROR FILING DATE: 1998-04-08
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PROR FILING DATE: 1998-04-08
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PROR FILING DATE: 1998-04-09
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PROR APPLICATION NUMBER: 60/082797
PROR FILING DATE: 1998-04-22
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PROR FILING DATE: 1998-04-23
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PROR FILING DATE: 1998-04-27
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PROR FILING DATE: 1998-04-28
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PROR APPLICATION NUMBER: 60/085700
PROR FILING DATE: 1998-05-15
PROR APPLICATION NUMBER: 60/085689
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PROR APPLICATION NUMBER: 60/085579
PROR FILING DATE: 1998-05-15
PROR APPLICATION NUMBER: 60/085580
PROR FILING DATE: 1998-05-15
PROR APPLICATION NUMBER: 60/085573
PROR FILING DATE: 1998-05-15
PROR APPLICATION NUMBER: 60/085704
PROR FILING DATE: 1998-05-15
PROR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5196 TCAGGTGGAGGACGCG 5215
DB 20 TCAGGTGAAAGCCACGCG 1

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RESULT 572
US-09-952-464A-27/c
/ Sequence 27, Application US/09952464A
/ Publication No. US20030077587A1
/ GENERAL INFORMATION:
/ APPLICANT: Stone, Edwin M.
/ APPLICANT: Sheffield, Val C.
/ APPLICANT: Alward, Wallace L.M.
/ APPLICANT: Fingert, John
/ TITLE OF INVENTION: GLAUCOMA THERAPEUTICS AND DIAGNOSTICS
/ FILE REFERENCE: 21087.0017011
/ CURRENT APPLICATION NUMBER: US/09/952,464A
/ PRIOR FILING DATE: 2001-09-12
/ PRIOR APPLICATION NUMBER: 09/473,273
/ PRIOR FILING DATE: 1999-12-28
/ PRIOR APPLICATION NUMBER: 09/461,542
/ PRIOR FILING DATE: 1999-12-15
/ PRIOR APPLICATION NUMBER: 09/366,952
/ PRIOR FILING DATE: 1999-08-04
/ PRIOR APPLICATION NUMBER: 09/056,285
/ PRIOR FILING DATE: 1998-04-07
/ PRIOR APPLICATION NUMBER: 08/822,999
/ PRIOR FILING DATE: 1997-03-21
/ NUMBER OF SEQ ID NOS: 43
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 27
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence; No. US20030077587A1e =
US-09-952-464A-27

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best local similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1960 GGGTTCGTGATCGTCGACGAG 1979
Db      20 GGGGACTGTGATGATTCAGCAG 1

RESULT 573
US-09-999-830A-577/c
/ Sequence 577, Application US/09999830A
/ Publication No. US20030077700A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Baton, Dan
/ APPLICANT: Ferreira, Napoleon
/ APPLICANT: Flvarcoff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerltsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
```

```
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C70
/ CURRENT APPLICATION NUMBER: US/09/999,830A
/ PRIOR FILING DATE: 2001-08-31
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/06364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ PRIOR APPLICATION NUMBER: 60/078004
/ PRIOR FILING DATE: 1998-03-13
/ PRIOR APPLICATION NUMBER: 60/078886
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/078936
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/078910
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/078939
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/079294
/ PRIOR FILING DATE: 1998-03-25
/ PRIOR APPLICATION NUMBER: 60/079656
/ PRIOR FILING DATE: 1998-03-26
/ PRIOR APPLICATION NUMBER: 60/079664
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079689
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079663
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079728
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079786
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079920
/ PRIOR FILING DATE: 1998-03-30
/ PRIOR APPLICATION NUMBER: 60/079923
/ PRIOR FILING DATE: 1998-03-30
/ PRIOR APPLICATION NUMBER: 60/080105
/ PRIOR FILING DATE: 1998-03-31
/ PRIOR APPLICATION NUMBER: 60/080107
/ PRIOR FILING DATE: 1998-03-31
/ PRIOR APPLICATION NUMBER: 60/080165
/ PRIOR FILING DATE: 1998-03-31
/ PRIOR APPLICATION NUMBER: 60/080194
/ PRIOR FILING DATE: 1998-03-31
/ PRIOR APPLICATION NUMBER: 60/080327
/ PRIOR FILING DATE: 1998-04-01
/ PRIOR APPLICATION NUMBER: 60/080328
/ PRIOR FILING DATE: 1998-04-01
/ PRIOR APPLICATION NUMBER: 60/080333
/ PRIOR FILING DATE: 1998-04-01
/ PRIOR APPLICATION NUMBER: 60/080334
/ PRIOR FILING DATE: 1998-04-01
/ PRIOR APPLICATION NUMBER: 60/081070
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/ PRIOR FILING DATE: 1998-05-13
/ PRIOR APPLICATION NUMBER: 60/085338
/ PRIOR FILING DATE: 1998-05-13
/ PRIOR APPLICATION NUMBER: 60/085323
/ PRIOR FILING DATE: 1998-05-13
/ PRIOR APPLICATION NUMBER: 60/085582
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085700
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085689
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085579
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085580
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085573
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085704
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085697
```

```
Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy      5196 TCAGCGTGGAGGCGCACGTG 5215
      ||||| ||||| ||||| |||||
Db      20 TCAGGTGTGAAGGCCACGTG 1
```

```
RESULT 575
US-09-776-479-226/c
/ Sequence 226, Application US/09776479
/ Publication No. US20030087848A1
/ GENERAL INFORMATION:
/ APPLICANT: Bratzler, Robert L.
/ APPLICANT: Petersen, Deanna M.
/ APPLICANT: Fournon, Yves
/ TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
/ FILE REFERENCE: C1037/7013 (HCL/MAT)
/ CURRENT APPLICATION NUMBER: US/09/776,479
/ PRIOR FILING DATE: 2001-02-02
/ PRIOR APPLICATION NUMBER: US 60/179,991
/ PRIOR FILING DATE: 2000-02-03
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 226
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-09-776-479-226
```

```
Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy      5393 AAAAAAATACAAAAAGAAA 5412
      ||||| ||||| ||||| |||||
Db      20 AAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 576
US-09-776-479-226/c
/ Sequence 226, Application US/09776479
/ Publication No. US20040067902A9
/ GENERAL INFORMATION:
/ APPLICANT: Bratzler, Robert L.
/ APPLICANT: Petersen, Deanna M.
/ APPLICANT: Fournon, Yves
/ TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
```

```
/ TITLE OF INVENTION: Treatment of Asthma and Allergy
/ FILE REFERENCE: C1037/7013 (HCL/MAT)
/ CURRENT APPLICATION NUMBER: US/09/776,479
/ CURRENT FILING DATE: 2001-02-02
/ PRIOR APPLICATION NUMBER: US 60/179,991
/ PRIOR FILING DATE: 2000-02-03
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 226
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-09-776-479-226
```

```
Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy      5393 AAAAAAATACAAAAAGAAA 5412
      ||||| ||||| ||||| |||||
Db      20 AAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 577
US-09-776-479-556/c
/ Sequence 556, Application US/09776479
/ Publication No. US20030087848A1
/ GENERAL INFORMATION:
/ APPLICANT: Bratzler, Robert L.
/ APPLICANT: Petersen, Deanna M.
/ APPLICANT: Fournon, Yves
/ TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
/ FILE REFERENCE: C1037/7013 (HCL/MAT)
/ CURRENT APPLICATION NUMBER: US/09/776,479
/ PRIOR FILING DATE: 2001-02-02
/ PRIOR APPLICATION NUMBER: US 60/179,991
/ PRIOR FILING DATE: 2000-02-03
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 556
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-09-776-479-556
```

```
Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy      5393 AAAAAAATACAAAAAGAAA 5412
      ||||| ||||| ||||| |||||
Db      20 AAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 578
US-09-776-479-556/c
/ Sequence 556, Application US/09776479
/ Publication No. US20040067902A9
/ GENERAL INFORMATION:
/ APPLICANT: Bratzler, Robert L.
/ APPLICANT: Petersen, Deanna M.
/ APPLICANT: Fournon, Yves
/ TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
/ FILE REFERENCE: C1037/7013 (HCL/MAT)
/ CURRENT APPLICATION NUMBER: US/09/776,479
/ PRIOR FILING DATE: 2001-02-02
/ PRIOR APPLICATION NUMBER: US 60/179,991
```



```
/ PRIOR FILING DATE: 2000-02-03
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 556
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-09-776-479-556
```

```
Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAAAAAACAAAAAGAAA 5412
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 579
US-09-776-479-560
/ Sequence 560, Application US/09776479
/ Publication No. US20030087848A1
/ GENERAL INFORMATION:
/ APPLICANT: Bratzler, Robert L.
/ APPLICANT: Petersen, Deanna M.
/ APPLICANT: Fouton, Yves
/ TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
/ FILE REFERENCE: C1037/7013 (HCL/MAT)
/ CURRENT APPLICATION NUMBER: US/09/776,479
/ PRIOR FILING DATE: 2001-02-02
/ PRIOR APPLICATION NUMBER: US 60/179,991
/ PRIOR FILING DATE: 2000-02-03
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 560
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-09-776-479-560
```

```
Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAAAAAACAAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20
```

```
RESULT 580
US-09-776-479-560
/ Sequence 560, Application US/09776479
/ Publication No. US20040067902A9
/ GENERAL INFORMATION:
/ APPLICANT: Bratzler, Robert L.
/ APPLICANT: Petersen, Deanna M.
/ APPLICANT: Fouton, Yves
/ TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
/ FILE REFERENCE: C1037/7013 (HCL/MAT)
/ CURRENT APPLICATION NUMBER: US/09/776,479
/ PRIOR FILING DATE: 2001-02-02
/ PRIOR APPLICATION NUMBER: US 60/179,991
/ PRIOR FILING DATE: 2000-02-03
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 560
/ LENGTH: 20
```

```
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-09-776-479-560
```

```
Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAAAAAACAAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20
```

```
RESULT 581
US-09-776-479-772/c
/ Sequence 772, Application US/09776479
/ Publication No. US20030087848A1
/ GENERAL INFORMATION:
/ APPLICANT: Bratzler, Robert L.
/ APPLICANT: Petersen, Deanna M.
/ APPLICANT: Fouton, Yves
/ TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
/ FILE REFERENCE: C1037/7013 (HCL/MAT)
/ CURRENT APPLICATION NUMBER: US/09/776,479
/ PRIOR FILING DATE: 2001-02-02
/ PRIOR APPLICATION NUMBER: US 60/179,991
/ PRIOR FILING DATE: 2000-02-03
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 772
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-09-776-479-772
```

```
Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5129 AGGAATGAGGAGGACATGGA 5148
Db 20 AGGATCAGGAGCGACATGGA 1
```

```
RESULT 582
US-09-776-479-772/c
/ Sequence 772, Application US/09776479
/ Publication No. US20040067902A9
/ GENERAL INFORMATION:
/ APPLICANT: Bratzler, Robert L.
/ APPLICANT: Petersen, Deanna M.
/ APPLICANT: Fouton, Yves
/ TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
/ FILE REFERENCE: C1037/7013 (HCL/MAT)
/ CURRENT APPLICATION NUMBER: US/09/776,479
/ PRIOR FILING DATE: 2001-02-02
/ PRIOR APPLICATION NUMBER: US 60/179,991
/ PRIOR FILING DATE: 2000-02-03
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 772
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-09-776-479-772
```

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pcred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5129 AGAATAGAGGACATGGA 5148
|||||
DB 20 AGAATCAGAGCGACATGGA 1

RESULT 583
US-09-978-187B-577/c
; Sequence 577, Application US/09978187B
; Publication No. US20030096744A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desmoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC5
; CURRENT APPLICATION NUMBER: US/09/978,187B
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20

; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080333
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081952
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081838
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082568
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082569
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082704
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082700
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082797
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082796

PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083992
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083499
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
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PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084639
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084598
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084643
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085582
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
5196 TCAGCTGGAGGCCACGTG 5215
|||||

Db 20 TCAGTGTGAAGGCCACGTG 1

RESULT 585

US-09-978-643A-577/c
Sequence 577, Application US/09978643A

Publication No. US20030104998A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerder, Hanspeter
APPLICANT: Gerltzen, Mary B.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Aubin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kilavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P16
CURRENT APPLICATION NUMBER: US/09/978,643A
CURRENT FILING DATE: 2001-10-16
NUMBER OF SEQ ID NOS: 624
Prior Application removed - See File Wrapper or Palm
SEQ ID NO 577
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-978-643A-577

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

5196 TCAGCTGGAGGCCACGTG 5215

Db 20 TCAGTGTGAAGGCCACGTG 1

RESULT 585

US-09-972-607-45/c

Sequence 45, Application US/09972607

Publication No. US20030105037A1

GENERAL INFORMATION:

APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyat
TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-GAMMA EXPRESSION
FILE REFERENCE: RTS-0191
CURRENT APPLICATION NUMBER: US/09/972,607
CURRENT FILING DATE: 2001-10-06
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 45
LENGTH: 20

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/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-972-607-45
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Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY      5000 AGGTGGCCTTAACAGCATCTC 5019
Db      20 AGGTGGCCTTATCACCACGCTC 1
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RESULT 586
US-09-976-601A-55
/ Sequence 55, Application US/09976601A
/ Publication No. US20030124528A1
/ GENERAL INFORMATION:
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Stornoff, James J.
/ APPLICANT: Elghanian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ FILE REFERENCE: 00-713-116
/ CURRENT APPLICATION NUMBER: US/09/976,601A
/ PRIOR FILING DATE: 2001-10-15
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 55
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:random
US-09-976-601A-55
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Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY      5393 AAAAAATTCAAAAAGAAA 5412
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20
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RESULT 587
US-09-978-375A-577/C
/ Sequence 577, Application US/09978375A
/ Publication No. US20030130181A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Baton, Dan
```

```
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary B.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tunas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PlC24
/ CURRENT APPLICATION NUMBER: US/09/978,375A
/ PRIOR FILING DATE: 2002-04-19
/ Prior Application removed - See file wrapper or Palm
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-978-375A-577
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Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY      5196 TCAGGTGGAGAGCCACGCTG 5215
Db      20 TCAGGTGAAAGGCCACGCTG 1
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RESULT 588
US-09-978-298A-577/C
/ Sequence 577, Application US/09978298A
/ Publication No. US20030134785A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Baton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary B.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
```

APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C2
CURRENT APPLICATION NUMBER: US/09/978,298A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/07450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078910
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PRIOR FILING DATE: 1998-03-31
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PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
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PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080334

PRIOR FILING DATE: 1998-04-01
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PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081049
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081071
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PRIOR FILING DATE: 1998-04-27
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PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
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PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084639
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07

/ PRIOR APPLICATION NUMBER: 60/084598
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/084600
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/084627
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/084643
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/085339
/ PRIOR FILING DATE: 1998-05-13
/ PRIOR APPLICATION NUMBER: 60/085338
/ PRIOR FILING DATE: 1998-05-13
/ PRIOR APPLICATION NUMBER: 60/085323
/ PRIOR FILING DATE: 1998-05-13
/ PRIOR APPLICATION NUMBER: 60/085582
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085700
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085689
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085579
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/ PRIOR APPLICATION NUMBER: 60/085573
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085704
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5196 TCAGCGTGGAGCCACGCG 5215
DB 20 TCAGTGTGAAGGCCACGCG 1

RESULT 589

US-09-978-188A-577/c
/ Sequence 577, Application US/09978188A
/ Publication No. US20030139328A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerltisen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, Jamesi
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OF INVENTION: Acids Encoding the Same

/ FILE REFERENCE: P2630P1C8
/ CURRENT APPLICATION NUMBER: US/09/978,188A
/ CURRENT FILING DATE: 2001-10-15
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
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/ PRIOR FILING DATE: 1998-04-08
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/ PRIOR FILING DATE: 1998-04-08

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PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
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PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5196 TCAGGTGGAGGCCACGCG 5215
DB 20 TCAGGTGGAGGCCACGCG 1

RESULT 590

US-09-975-059A-55

Sequence 55, Application US/09975059A
Publication No. US20030143538A1

GENERAL INFORMATION:

APPLICANT: Mirkin, Chad A.

APPLICANT: Leteinger, Robert L.

APPLICANT: Mucic, Robert C.

APPLICANT: Storchoff, James J.

APPLICANT: Sighanlian, Robert

APPLICANT: Taton, Thomas A.

TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO

TITLE OF INVENTION: AND USES THEREFOR

FILE REFERENCE: 00-713-115

CURRENT FILING DATE: 2001-10-11

PRIOR APPLICATION NUMBER: 09/603,830

PRIOR FILING DATE: 2000-06-26

PRIOR APPLICATION NUMBER: 09/344,667

PRIOR FILING DATE: 1999-06-25

PRIOR APPLICATION NUMBER: 09/240,755

PRIOR FILING DATE: 1999-01-29

PRIOR APPLICATION NUMBER: PCT/US97/12783

PRIOR FILING DATE: 1997-07-21

PRIOR APPLICATION NUMBER: 60/031,809

PRIOR FILING DATE: 1996-07-29

PRIOR APPLICATION NUMBER: 60/200,161

PRIOR FILING DATE: 2000-04-26

NUMBER OF SEQ ID NOS: 64

SOFTWARE: Microsoft Word 2000

SEQ ID NO 55

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE: OTHER INFORMATION: Description of Artificial Sequence: random

OTHER INFORMATION: synthetic sequence

US-09-975-059A-55

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;

1	PRIOR APPLICATION NUMBER: 60/0642439
2	PRIOR FILING DATE: 1997-11-03
3	PRIOR APPLICATION NUMBER: 60/0653111
4	PRIOR FILING DATE: 1997-11-13
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7	PRIOR APPLICATION NUMBER: 60/0745606
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9	PRIOR APPLICATION NUMBER: 60/0776322
10	PRIOR FILING DATE: 1998-03-11
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12	PRIOR FILING DATE: 1998-03-11
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16	PRIOR FILING DATE: 1998-03-12
17	PRIOR APPLICATION NUMBER: 60/0780040
18	PRIOR FILING DATE: 1998-03-13
19	PRIOR APPLICATION NUMBER: 60/0788866
20	PRIOR FILING DATE: 1998-03-20
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22	PRIOR FILING DATE: 1998-03-20
23	PRIOR APPLICATION NUMBER: 60/0789310
24	PRIOR FILING DATE: 1998-03-20
25	PRIOR APPLICATION NUMBER: 60/0789399
26	PRIOR FILING DATE: 1998-03-20
27	PRIOR APPLICATION NUMBER: 60/0792924
28	PRIOR FILING DATE: 1998-03-25
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PRIOR APPLICATION NUMBER: 60/085689
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PRIOR APPLICATION NUMBER: 60/085573
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PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5196 TCAGGTGAGGAGCCACGTG 5215
DB 20 TCAGGTGAGGAGCCACGTG 1

RESULT 595

US-09-999-829A-577/c
Sequence 577, Application US/0999829A
Publication No. US2003019534A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary B.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630PLC61
CURRENT APPLICATION NUMBER: US/09/999,829A
NUMBER OF SEQ ID NOS: 624
Prior Application removed - See File Wrapper or Palm
SEQ ID NO 577
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-999-829A-577

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5196 TCAGGTGAGGAGCCACGTG 5215
DB 20 TCAGGTGAGGAGCCACGTG 1

RESULT 596
US-09-978-239A-577/c
Sequence 577, Application US/09978299A
Publication No. US20030199435A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C3
CURRENT APPLICATION NUMBER: US/09/978,239A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
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PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5196 TCAGCTGAGGCGGCGTG 5215
DB 20 TCAGTGTGAAGCGCCGCTG 1

RESULT 597
US-09-978-544A-577/c
Sequence 577, Application US/09978544A
Publication No. US20030199436A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi

APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
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APPLICANT: Gertlisen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
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APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C13
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
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Query Match 0.3%; Score 15.2; DB 1; length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5196 TCAGGTGGAGGCCACGCTG 5215
DB 20 TCAGGTGAAAGGCCACGCTG 1

RESULT 598
US-09-978-665A-577/c
; Sequence 577, Application US/09978665A
; Publication No. US20030199437A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerlsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James/
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC19
CURRENT APPLICATION NUMBER: US/09/978,665A
PRIOR FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
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;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5196 TCAGCTGGAGGCCACGCG 5215
DB 20 TCAGCTGAAAGCCACGCG 1

RESULT 600
US-09-999-831A-577/c
Sequence 577, Application US/0999831A
Publication No. US20040048332A1
GENERAL INFORMATION:
;; APPLICANT: Ashkenazi, Avi
;; APPLICANT: Baker Kevin P.
;; APPLICANT: Botstein, David
;; APPLICANT: Desnoyers, Luc
;; APPLICANT: Eaton, Dan
;; APPLICANT: Ferrara, Napoleon
;; APPLICANT: Filvaroff, Ellen
;; APPLICANT: Fong, Sherman
;; APPLICANT: Gao, Wei-Qiang
;; APPLICANT: Gerber, Hanspeter
;; APPLICANT: Gerltzen, Mary E.
;; APPLICANT: Goddard, Audrey
;; APPLICANT: Godowski, Paul J.
;; APPLICANT: Grimaldi, J. Christopher
;; APPLICANT: Gueney, Austin L.
;; APPLICANT: Hillan, Kenneth J.
;; APPLICANT: Kijavitt, Iyar U.
;; APPLICANT: Kuo, Sophia S.
;; APPLICANT: Napier, Mary A.
;; APPLICANT: Pan, James J.
;; APPLICANT: Paoni, Nicholas P.
;; APPLICANT: Roy, Margaret Ann

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; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C68
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 624
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 577
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-999-831A-577
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Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Db      20 TCAGTGTGAAGGCCACGCG 1
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RESULT 601
US-09-994-701B-5
; Sequence 5, Application US/09994701B
; Publication No. US20040152076A1
; GENERAL INFORMATION:
; APPLICANT: Richard C. Wilson and Jason C. Murphy
; TITLE OF INVENTION: NUCLEIC ACID SEPARATION USING IMMOBILIZED METAL AFFINITY CHROMATO
; FILE REFERENCE: 96605/13UTL
; CURRENT FILING DATE: 2001-11-06
; PRIOR FILING DATE: 2000-11-06
; PRIOR APPLICATION NUMBER: 60/246292
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide Sequence
US-09-994-701B-5
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Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Qy      5393 AAAAAAATACAAAAGAAA 5412
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Db      1 AAAAAAAAAAAAAAAAAAAAA 20
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RESULT 602
US-09-994-701B-6/c
; Sequence 6, Application US/09994701B
; Publication No. US20040152076A1
; GENERAL INFORMATION:
; APPLICANT: Richard C. Wilson and Jason C. Murphy
; TITLE OF INVENTION: NUCLEIC ACID SEPARATION USING IMMOBILIZED METAL AFFINITY CHROMATO
; FILE REFERENCE: 96605/13UTL
; CURRENT FILING DATE: 2001-11-06
; PRIOR FILING DATE: 2000-11-06
; PRIOR APPLICATION NUMBER: 60/246292
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn version 3.1
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; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide Sequence
US-09-994-701B-6
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Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Qy      5393 AAAAAAATACAAAAGAAA 5412
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Db      20 AAAAAAAAAAAAAAAAAAAAA 1
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RESULT 603
US-10-208-357-26
; Sequence 26, Application US/10208357
; Publication No. US20020182687A1
; GENERAL INFORMATION:
; APPLICANT: Kurtz, Markus
; APPLICANT: Lohse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT FILING DATE: 2002-07-30
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US/09/619,103
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence for nucleic acid purification
US-10-208-357-26
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Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Qy      5393 AAAAAAATACAAAAGAAA 5412
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Db      1 AAAAAAAAAAAAAAAAAAAAA 20
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RESULT 604
US-10-051-643-83
; Sequence 83, Application US/10051643
; Publication No. US20020197265A1
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Tan, Paul L. J.
; TITLE OF INVENTION: Methods and Compounds for the Treatment
; TITLE OF INVENTION: of Immunologically-Mediated Diseases of the Respiratory
; FILE REFERENCE: 11000.1008C2
; CURRENT FILING DATE: 2002-01-18
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: US09/156,181
; PRIOR FILING DATE: 1997-12-23
; PRIOR APPLICATION NUMBER: US 08/996,624
; NUMBER OF SEQ ID NOS: 208
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 83
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Made in a lab
US-10-051-643-83

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAGAAA 5412
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DB 1 AAAAAAAAAAAAAAAAAA 20

RESULT 605
US-10-025-201-13

Sequence 13, Application US/10025201
Publication No. US20030003468A1

GENERAL INFORMATION:

APPLICANT: Crow, Mary K.

TITLE OF INVENTION: MARKERS FOR DISEASE SUSCEPTIBILITY AND TARGETS FOR THERAPY

FILE REFERENCE: 5983/2H567

CURRENT APPLICATION NUMBER: US/10/025,201

CURRENT FILING DATE: 2001-12-19

PRIOR APPLICATION NUMBER: 60/256,673

PRIOR FILING DATE: 2000-12-19

NUMBER OF SEQ ID NOS: 15

SOFTWARE: Patentin version 3.1

SEQ ID NO 13

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: PCR primer

US-10-025-201-13

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3590 ATGTTGCTCAGGCTATCTC 3609
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DB 1 ATGTTGCCAGGCTATCTC 20

RESULT 606
US-10-176-055-11

Sequence 11, Application US/10176055
Publication No. US20030013109A1

GENERAL INFORMATION:

APPLICANT: Evident Technologies

TITLE OF INVENTION: Hairpin Sensors Using Quenchable Fluorescing Agents

FILE REFERENCE: 1179/26

CURRENT APPLICATION NUMBER: US/10/176,055

CURRENT FILING DATE: 2002-06-21

PRIOR APPLICATION NUMBER: 60/299,460

PRIOR FILING DATE: 2001-06-21

NUMBER OF SEQ ID NOS: 11

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 11

LENGTH: 20

TYPE: DNA

ORGANISM: Unknown Organism

FEATURE:

OTHER INFORMATION: Description of Unknown Organism: Target sequence

FEATURE: Target sequence that is desired to be detected and

OTHER INFORMATION: that has a nucleotide sequence that is

OTHER INFORMATION: complementary to the sequence of complementary

OTHER INFORMATION: probe of hairpin loop assembly

US-10-176-055-11

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAGAAA 5412
|||||
DB 1 AAAAAAAAAAAAAAAAAA 20

RESULT 607
US-10-057-550-126/c

Sequence 126, Application US/10057550
Publication No. US20030032607A1

GENERAL INFORMATION:

APPLICANT: Monis, Brett P.

TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression

FILE REFERENCE:

CURRENT APPLICATION NUMBER: US/10/057,550

CURRENT FILING DATE: 2002-01-25

PRIOR APPLICATION NUMBER: 09/506,073

PRIOR FILING DATE: 2000-02-18

PRIOR APPLICATION NUMBER: US 09/143,214

PRIOR FILING DATE: 1998-08-28

PRIOR APPLICATION NUMBER: PCT/US98/13961

PRIOR FILING DATE: 1998-07-06

PRIOR APPLICATION NUMBER: US 08/888,982

PRIOR FILING DATE: 1997-07-07

PRIOR APPLICATION NUMBER: US 08/756,806

PRIOR FILING DATE: 1996-11-26

PRIOR APPLICATION NUMBER: PCT/US95/07111

PRIOR FILING DATE: 1995-05-31

PRIOR APPLICATION NUMBER: US 08/250,856

PRIOR FILING DATE: 1994-05-31

NUMBER OF SEQ ID NOS: 130

SEQ ID NO 126

LENGTH: 20

TYPE: DNA

ORGANISM: artificial sequence

FEATURE:

OTHER INFORMATION: antisense sequence

US-10-057-550-126

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5412 AAAAAATACAAAAGAAA 5431
|||||
DB 20 AAAAAATACAAAAGAAA 1

RESULT 608
US-10-117-267-1/c

Sequence 1, Application US/10117267
Publication No. US20030045698A1

GENERAL INFORMATION:

APPLICANT: Manoharan, Muthiah

APPLICANT: Maier, Ph.D., Martin A.

TITLE OF INVENTION: Compounds, Processes And Intermediates For Synthesis Of Mixed Back

FILE REFERENCE: ISIS-5039

CURRENT APPLICATION NUMBER: US/10/117,267

CURRENT FILING DATE: 2002-04-05

PRIOR APPLICATION NUMBER: 09/726,096

PRIOR FILING DATE: 2000-11-29

PRIOR APPLICATION NUMBER: 09/250,075

PRIOR FILING DATE: 1999-02-12

NUMBER OF SEQ ID NOS: 12

SOFTWARE: Patentin version 3.1

SEQ ID NO 1

LENGTH: 20

TYPE: DNA

```
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Construct
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: (1)..(20)
/ OTHER INFORMATION: 2'-methoxyethoxy (MOE)
US-10-117-267-1

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAAAAACAAAGAGAA 5412
DB      20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 609
US-10-017-081A-577/c
; Sequence 577, Application US/10017081A
; Publication No. US20030049684A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Thomas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC69
; CURRENT APPLICATION NUMBER: US/10/017,081A
; CURRENT FILING DATE: 2002-04-30
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 577
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-081A-577

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGCGTGGAGGACCGTG 5215
DB      20 TCAGTGTGAAGGCCACGTG 1
```

```
RESULT 610
US-10-112-653-218/c
; Sequence 218, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 218
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide
US-10-112-653-218

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAAAAACAAAGAGAA 5412
DB      20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 611
US-10-112-653-533/c
; Sequence 533, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 533
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide
US-10-112-653-533

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAAAAACAAAGAGAA 5412
DB      20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 612
US-10-112-653-537
; Sequence 537, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
```

```
/ APPLICANT: Berg, Daniel J.
/ TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
/ TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
/ FILE REFERENCE: C01039/70060(AMS)
/ CURRENT APPLICATION NUMBER: US/10/112,653
/ PRIOR FILING DATE: 2002-03-29
/ PRIOR APPLICATION NUMBER: US 60/279,642
/ PRIOR FILING DATE: 2001-03-29
/ NUMBER OF SEQ ID NOS: 1040
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 537
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-537
```

```
Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAAATCAAAAAAGAAA 5412
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20
```

```
RESULT 613
US-10-112-653-745/c
/ Sequence 745, Application US/10112653
/ Publication No. US20030050268A1
/ GENERAL INFORMATION:
/ APPLICANT: Krieger, Arthur W.
/ APPLICANT: Berg, Daniel J.
/ TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
/ TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
/ FILE REFERENCE: C01039/70060(AMS)
/ CURRENT APPLICATION NUMBER: US/10/112,653
/ PRIOR FILING DATE: 2002-03-29
/ PRIOR APPLICATION NUMBER: US 60/279,642
/ PRIOR FILING DATE: 2001-03-29
/ NUMBER OF SEQ ID NOS: 1040
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 745
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-745
```

```
Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5129 AGGAATGAGGAGGACATGGA 5148
Db      20 AGAATCAGGAGCGACATGGA 1
```

```
RESULT 614
US-10-077-383-5
/ Sequence 5, Application US/10077383
/ Publication No. US20030050444A1
/ GENERAL INFORMATION:
/ APPLICANT: Haydock, Paul V.
/ APPLICANT: U'Ren, Jack
/ APPLICANT: Saigene Corporation
/ TITLE OF INVENTION: Nucleic Acid Amplification Using an RNA Polymerase and
/ FILE REFERENCE: 018048-001710US
/ CURRENT APPLICATION NUMBER: US/10/077,383
/ CURRENT FILING DATE: 2002-02-15
```

```
/ PRIOR APPLICATION NUMBER: US 60/296,812
/ PRIOR FILING DATE: 2001-06-07
/ NUMBER OF SEQ ID NOS: 33
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 5
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: (A)-12-20
/ NAME/KEY: modified base
/ LOCATION: (13)..(20)
/ OTHER INFORMATION: a at positions 13-20 may be present or absent
US-10-077-383-5
```

```
Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAAATCAAAAAAGAAA 5412
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20
```

```
RESULT 615
US-10-077-383-6/c
/ Sequence 6, Application US/10077383
/ Publication No. US20030050444A1
/ GENERAL INFORMATION:
/ APPLICANT: Haydock, Paul V.
/ APPLICANT: U'Ren, Jack
/ APPLICANT: Saigene Corporation
/ TITLE OF INVENTION: Nucleic Acid Amplification Using an RNA Polymerase and
/ TITLE OF INVENTION: DNA/RNA Mixed Polymer Intermediate Products
/ FILE REFERENCE: 018048-001710US
/ CURRENT APPLICATION NUMBER: US/10/077,383
/ PRIOR FILING DATE: 2002-02-15
/ PRIOR APPLICATION NUMBER: US 60/296,812
/ PRIOR FILING DATE: 2001-06-07
/ NUMBER OF SEQ ID NOS: 33
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 6
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: (T)-12-20
/ NAME/KEY: modified base
/ LOCATION: (13)..(20)
/ OTHER INFORMATION: c at positions 13-20 may be present or absent
US-10-077-383-6
```

```
Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAAATCAAAAAAGAAA 5412
Db      20 AAAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 616
US-10-017-995-226/c
/ Sequence 226, Application US/10017995
/ Publication No. US20030055014A1
/ GENERAL INFORMATION:
/ APPLICANT: Bratzler, Robert L.
/ TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
/ FILE REFERENCE: C1037/7025 (HCL/MAT)
```

```
/ CURRENT APPLICATION NUMBER: US/10/017,995
/ CURRENT FILING DATE: 2001-12-18
/ PRIOR APPLICATION NUMBER: US 60/255,534
/ PRIOR FILING DATE: 2000-12-14
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 226
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-10-017-995-226

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAAAGAAA 5412
Db 20 AAAAAAAAAAAAAAAAAA 1

RESULT 617
US-10-017-995-556/c
/ Sequence 556, Application US/10017995
/ Publication No. US20030055014A1
/ GENERAL INFORMATION:
/ APPLICANT: Bratzler, Robert L.
/ TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
/ FILE REFERENCE: C1037/7025 (HCL/MAT)
/ CURRENT APPLICATION NUMBER: US/10/017,995
/ CURRENT FILING DATE: 2001-12-18
/ PRIOR APPLICATION NUMBER: US 60/255,534
/ PRIOR FILING DATE: 2000-12-14
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 556
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-10-017-995-556

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAAAGAAA 5412
Db 20 AAAAAAAAAAAAAAAAAA 1

RESULT 618
US-10-017-995-560
/ Sequence 560, Application US/10017995
/ Publication No. US20030055014A1
/ GENERAL INFORMATION:
/ APPLICANT: Bratzler, Robert L.
/ TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
/ FILE REFERENCE: C1037/7025 (HCL/MAT)
/ CURRENT APPLICATION NUMBER: US/10/017,995
/ CURRENT FILING DATE: 2001-12-18
/ PRIOR APPLICATION NUMBER: US 60/255,534
/ PRIOR FILING DATE: 2000-12-14
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 560
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
```

```
/ OTHER INFORMATION: Synthetic Sequence
US-10-017-995-560

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAA 20

RESULT 619
US-10-017-995-772/c
/ Sequence 772, Application US/10017995
/ Publication No. US20030055014A1
/ GENERAL INFORMATION:
/ APPLICANT: Bratzler, Robert L.
/ TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
/ FILE REFERENCE: C1037/7025 (HCL/MAT)
/ CURRENT APPLICATION NUMBER: US/10/017,995
/ CURRENT FILING DATE: 2001-12-18
/ PRIOR APPLICATION NUMBER: US 60/255,534
/ PRIOR FILING DATE: 2000-12-14
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 772
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-10-017-995-772

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5129 AGGAATAGAGGACATGCA 5148
Db 20 AGGATCAGAGCGACATGCA 1

RESULT 620
US-10-167-749-577/c
/ Sequence 577, Application US/10167749
/ Publication No. US20030056137A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavitt, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
```

```
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2630PIC60
/ CURRENT APPLICATION NUMBER: US/10/167,749
/ PRIOR FILING DATE: 2001-10-19
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See file wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-167-749-577

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGCTGGAGGCGCACGTG 5215
Db      20 TCAGTGTGAAAGGCCACGTG 1

RESULT 621
US-10-158-160A-48/c
/ Sequence 48, Application US/10158160A
/ Publication No. US20030059805A1
/ GENERAL INFORMATION:
/ APPLICANT: RAEPOLD-HOERBRAND, GUDRUN
/ APPLICANT: RAO, EROLD
/ TITLE OF INVENTION: HUMAN GROWTH GENE AND SHORT STATURE GENE REGION
/ FILE REFERENCE: 108351-00004
/ CURRENT APPLICATION NUMBER: US/10/158,160A
/ CURRENT FILING DATE: 2002-08-20
/ PRIOR APPLICATION NUMBER: 09/147,699
/ PRIOR FILING DATE: 1999-06-24
/ PRIOR APPLICATION NUMBER: PCT/EP97/05355
/ PRIOR FILING DATE: 1997-09-29
/ PRIOR APPLICATION NUMBER: 60/027,633
/ PRIOR FILING DATE: 1996-10-01
/ PRIOR APPLICATION NUMBER: EP/97100583.0
/ PRIOR FILING DATE: 1997-01-16
/ NUMBER OF SEQ ID NOS: 55
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 48
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-158-160A-48
```

```
Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3991 GAGCCTGGAGCTGTGGAAC 4010
Db      20 GAGCCTGGAGCTGTGCGGAGC 1

RESULT 622
US-10-013-921A-577/c
/ Sequence 577, Application US/10013921A
/ Publication No. US20030068648A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Baton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Flvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavina, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tomas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2630PIC84
/ CURRENT APPLICATION NUMBER: US/10/013,921A
/ CURRENT FILING DATE: 2002-03-19
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ PRIOR APPLICATION NUMBER: 60/078004
/ PRIOR FILING DATE: 1998-03-13
/ PRIOR APPLICATION NUMBER: 60/078886
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/078936
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/078910
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/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/078939
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/079294
/ PRIOR FILING DATE: 1998-03-25
/ PRIOR APPLICATION NUMBER: 60/079656
/ PRIOR FILING DATE: 1998-03-26
/ PRIOR APPLICATION NUMBER: 60/079664
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079689
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079663
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079728
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079786
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079920
/ PRIOR FILING DATE: 1998-03-30
/ PRIOR APPLICATION NUMBER: 60/079923
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/ PRIOR APPLICATION NUMBER: 60/080105
/ PRIOR FILING DATE: 1998-03-31
/ PRIOR APPLICATION NUMBER: 60/080107
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/ PRIOR FILING DATE: 1998-04-08
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/ PRIOR APPLICATION NUMBER: 60/083336
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/ PRIOR APPLICATION NUMBER: 60/083322
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/ PRIOR APPLICATION NUMBER: 60/083559
/ PRIOR FILING DATE: 1998-04-29
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/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/083742
/ PRIOR FILING DATE: 1998-04-30
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/ PRIOR FILING DATE: 1998-05-06
/ PRIOR APPLICATION NUMBER: 60/084637
/ PRIOR FILING DATE: 1998-05-07
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/ PRIOR FILING DATE: 1998-05-07
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/ PRIOR APPLICATION NUMBER: 60/085338
/ PRIOR FILING DATE: 1998-05-13
/ PRIOR APPLICATION NUMBER: 60/085323
/ PRIOR FILING DATE: 1998-05-13
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/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085700
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085689
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085579
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085580
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085573
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085704
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5196 TCAGGTGGAGGCACTG 5215
DB 20 TCAGGTGAAAGGCACGTG 1

RESULT 623
US-10-013-929A-577/c
Sequence 577, Application US/10013929A
Publication No. US20030072745A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Flvarooff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Auebin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630PIC89
CURRENT APPLICATION NUMBER: US/10/013,929A
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
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PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495

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/ PRIOR FILING DATE: 1998-04-29
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/ PRIOR APPLICATION NUMBER: 60/085573
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085704
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085697

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Beet Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY      5196 TCAGCGTGGAGGCCACGTG 5215
DB      20 TCAGTGTGAAGGCCACGTG 1
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RESULT 624
US-10-016-177A-577/c
; Sequence 577, Application US/10016177A
; Publication No. US20030073131A1
; GENERAL INFORMATION:
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/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Deemoyers, Luc
/ APPLICANT: Baton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gertlisen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C90
/ CURRENT FILING DATE: 2002-04-30
/ PRIOR APPLICATION removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-016-177A-577

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Beet Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY      5196 TCAGCGTGGAGGCCACGTG 5215
DB      20 TCAGTGTGAAGGCCACGTG 1
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RESULT 625
US-10-188-405-18/c
; Sequence 18, Application US/10188405
; Publication No. US20030082585A1
; GENERAL INFORMATION:
/ APPLICANT: Tian, Hui
/ APPLICANT: Dai, Kang
/ APPLICANT: Chen, Jin-Long
/ APPLICANT: Zhao, Jigang
/ APPLICANT: Cutler, Gene
/ APPLICANT: Tularik Inc.
/ TITLE OF INVENTION: No. US20030082585A1e1 Receptors
/ FILE REFERENCE: 018781-008410US
/ CURRENT APPLICATION NUMBER: US/10/188,405
/ CURRENT FILING DATE: 2002-07-01
/ PRIOR APPLICATION NUMBER: US 60/302,800
/ NUMBER OF SEQ ID NOS: 25
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 18
/ LENGTH: 20
/ TYPE: DNA
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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: TGR118 RT-PCR
; OTHER INFORMATION: forward primer
US-10-188-405-18

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1431 TGTGAGGAGAAATCGAGAC 1450
DB      20  TGTGAGGAGAAATGAGCC 1

RESULT 626
US-10-194-138-32
; Sequence 32, Application US/10194138
; Publication No. US20030082588A1
; GENERAL INFORMATION:
; APPLICANT: Nanosphere, Inc.
; TITLE OF INVENTION: Method for Immobilizing Molecules onto Surfaces
; FILE REFERENCE: 01-897-B
; CURRENT APPLICATION NUMBER: US/10/194,138
; PRIOR FILING DATE: 2002-07-12
; PRIOR APPLICATION NUMBER: 60/363472
; PRIOR FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/305369
; PRIOR FILING DATE: 2001-07-13
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: "a20" oligonucleotide probe
US-10-194-138-32

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAA 5412
DB      1  AAAAAAAAAAAAAAAAAA 20

RESULT 627
US-10-008-978-55
; Sequence 55, Application US/10008978
; Publication No. US20030087242A1
; GENERAL INFORMATION:
; APPLICANT: Lettinger, Robert A.
; APPLICANT: Milkin, Chad A.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Vismadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; APPLICANT: Lu, Gang
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-1272-C
; CURRENT APPLICATION NUMBER: US/10/008,978
; PRIOR FILING DATE: 2002-05-20
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
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; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/213,906
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/224,631
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/254,392
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/254,418
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: 60/255,236
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: 60/282,640
; PRIOR FILING DATE: 2000-04-01
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
US-10-008-978-55

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAA 5412
DB      1  AAAAAAAAAAAAAAAAAA 20

RESULT 628
US-10-008-978-70
; Sequence 70, Application US/10008978
; Publication No. US20030087242A1
; GENERAL INFORMATION:
; APPLICANT: Lettinger, Robert A.
; APPLICANT: Milkin, Chad A.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Vismadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; APPLICANT: Lu, Gang
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-1272-C
; CURRENT APPLICATION NUMBER: US/10/008,978
; PRIOR FILING DATE: 2002-05-20
; PRIOR APPLICATION NUMBER: 09/927,777
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; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
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; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: 60/255,236
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: 60/282,640
; PRIOR FILING DATE: 2000-04-01
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-10-008-978-70

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred.No.7,2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      5393 AAAAAATACAAAAAGAAA 5412
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 629
US-10-166-709A-577/c
; Sequence 577, Application US/10166709A
; Publication No. US20030104536A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroft, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Guiney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pat, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C59
; CURRENT APPLICATION NUMBER: US/10/166,709A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
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; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
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PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080333
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080334
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/081070
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081071
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081955
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081819
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PRIOR FILING DATE: 1998-04-15
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PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082568
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082569
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083499
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084414

PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084639
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084598
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085582
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3% Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5196 TCAGGTGGAGGAGCCAGTG 5215
DB 20 TCAGGTGAAGGCCACGTTG 1

RESULT 630
US-10-188-404-66/c
Sequence 66, Application US/10188404
Publication No. US20030105286A1
GENERAL INFORMATION:
APPLICANT: Egholm, Michael
APPLICANT: Nielsen, Peter
APPLICANT: Buchardt, Ole
APPLICANT: Dueholm, Kim L.
APPLICANT: Christensen, Leif
APPLICANT: Coull, James M.
APPLICANT: Kieley, John
APPLICANT: Griffith, Michael
TITLE OF INVENTION: Linked Peptide Nucleic Acids
FILE REFERENCE: IS185042
CURRENT APPLICATION NUMBER: US/10/188,404
CURRENT FILING DATE: 2002-07-01
PRIOR APPLICATION NUMBER: 08/275,951
PRIOR FILING DATE: 1994-07-15
PRIOR APPLICATION NUMBER: 08/765,798
PRIOR FILING DATE: 1997-04-23
NUMBER OF SEQ ID NOS: 69
SOFTWARE: PatentIn version 3.1
SEQ ID NO 66
LENGTH: 20

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/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic construct
/ NAME/KEY: misc_feature
/ LOCATION: (10)..(11)
/ OTHER INFORMATION: Amino Hexanoic Acid, Amino Ethyl Glycine,
/ OTHER INFORMATION: Acetyl, Amino Hexanoic Acid Linkage
US-10-188-404-66

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412
DB 20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 631
US-10-046-313-18
/ Sequence 18, Application US/10046313
/ Publication No. US20030113736A1
/ GENERAL INFORMATION:
/ APPLICANT: YOKOYAMA, AKIHIRO
/ APPLICANT: ISHIGURO, TAKAHIRO
/ TITLE OF INVENTION: Oligonucleotides for Detecting Salmonella and Method of Detecting
/ FILE REFERENCE: 218203USO
/ CURRENT APPLICATION NUMBER: US/10/046,313
/ CURRENT FILING DATE: 2002-10-01
/ PRIOR APPLICATION NUMBER: JP 2001-009464
/ NUMBER OF SEQ ID NOS: 29
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 18
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: ARTIFICIAL SEQUENCE
/ FEATURE:
/ OTHER INFORMATION: SYNTHETIC DNA
US-10-046-313-18

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2122 ATGAAGCGGAGGAAAAACT 2141
DB 1 ATGAAGCGTAAAGAAAAGCT 20

RESULT 632
US-10-234-764-10/C
/ Sequence 10, Application US/10234764
/ Publication No. US20030113769A1
/ GENERAL INFORMATION:
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Lomberg, Harri
/ APPLICANT: Salo, Harri
/ APPLICANT: Vitra, Pasi
/ TITLE OF INVENTION: Aminooxy Functionalized Oligomers
/ FILE REFERENCE: ISIS5089
/ CURRENT APPLICATION NUMBER: US/10/234,764
/ CURRENT FILING DATE: 2002-09-03
/ PRIOR APPLICATION NUMBER: 09/016,520
/ PRIOR FILING DATE: 1998-01-30
/ PRIOR APPLICATION NUMBER: 09/344,260
/ PRIOR FILING DATE: 1999-06-25
/ NUMBER OF SEQ ID NOS: 18
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 10
/ LENGTH: 20
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/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic construct
US-10-234-764-10

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412
DB 20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 633
US-10-173-225B-104/C
/ Sequence 104, Application US/10173225B
/ Publication No. US20030119769A1
/ GENERAL INFORMATION:
/ APPLICANT: Monia, Brett P.
/ TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
/ FILE REFERENCE: ISPH-0665
/ CURRENT APPLICATION NUMBER: US/10/173,225B
/ CURRENT FILING DATE: 2002-12-06
/ PRIOR APPLICATION NUMBER: US 10/057,550
/ PRIOR FILING DATE: 2002-01-25
/ PRIOR APPLICATION NUMBER: US 09/143,214
/ PRIOR FILING DATE: 1998-08-28
/ PRIOR APPLICATION NUMBER: PCT/US98/13961
/ PRIOR FILING DATE: 1998-07-06
/ PRIOR APPLICATION NUMBER: US 08/888,962
/ PRIOR FILING DATE: 1997-07-07
/ PRIOR APPLICATION NUMBER: US 08/756,806
/ PRIOR FILING DATE: 1996-11-26
/ PRIOR APPLICATION NUMBER: PCT/US95/07111
/ PRIOR FILING DATE: 1995-05-31
/ PRIOR APPLICATION NUMBER: US 08/250,856
/ PRIOR FILING DATE: 1994-05-31
/ NUMBER OF SEQ ID NOS: 109
/ SEQ ID NO 104
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial sequence
/ FEATURE:
/ OTHER INFORMATION: antisense sequence
US-10-173-225B-104

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5412 AAAATGAATAATTAAGCAATA 5431
DB 20 AAAAGAAAATTAATGAACA 1

RESULT 634
US-10-010-002-61/C
/ Sequence 61, Application US/10010002
/ Publication No. US20030125277A1
/ GENERAL INFORMATION:
/ APPLICANT: Brenda P. Baker
/ APPLICANT: Kenneth Dobie
/ TITLE OF INVENTION: ANTISENSE MODULATION OF ACTIVATING TRANSCRIPTION FACTOR 3 EXPRESS
/ FILE REFERENCE: RTS-0331
/ CURRENT APPLICATION NUMBER: US/10/010,002
/ CURRENT FILING DATE: 2001-11-08
/ NUMBER OF SEQ ID NOS: 91
/ SEQ ID NO 61
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
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FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-010-002-61

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3958 ATGTCGACGAGGCTCTGCT 3977

DB 20 ATGATGCGAGGCTCTCTGT 1

RESULT 635

US-10-255-434-14/C
Sequence 14, Application US/10255434
Publication No. US20030129626A1
GENERAL INFORMATION:
APPLICANT: Nielsen, Kirsten V.
APPLICANT: Hyldig-Nielsen, Jens J.
TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
FILE REFERENCE: BP0101-US
CURRENT APPLICATION NUMBER: US/10/255,434
CURRENT FILING DATE: 2002-09-24
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 14
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
FEATURE:
OTHER INFORMATION: Oligomer Sequence
OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe
US-10-255-434-14

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATTCAGAAAAAGAAA 5412

DB 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 636

US-10-255-434-26
Sequence 26, Application US/10255434
Publication No. US20030129626A1
GENERAL INFORMATION:
APPLICANT: Nielsen, Kirsten V.
APPLICANT: Hyldig-Nielsen, Jens J.
TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
FILE REFERENCE: BP0101-US
CURRENT APPLICATION NUMBER: US/10/255,434
CURRENT FILING DATE: 2002-09-24
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 26
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
OTHER INFORMATION: Oligomer Sequence

FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe
US-10-255-434-26

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATTCAGAAAAAGAAA 5412

DB 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 637

US-10-143-031A-577/C
Sequence 577, Application US/10143031A
Publication No. US20030138439A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Flvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary B.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C39
CURRENT APPLICATION NUMBER: US/10/143,031A
CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624

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;/ SEQ ID NO 577
;/ LENGTH: 20
;/ TYPE: DNA
;/ ORGANISM: Artificial Sequence
;/ FEATURE:
;/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-143-031A-577
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Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY      5196 TCACGCTGAGGAGCCACGCG 5215
          ||||| ||||| ||||| |||||
Db       20 TCAGTGTGAAAGGCCACGCG 1
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RESULT 638
US-10-027-983-90
; Sequence 90, Application US/10027983
; Publication No. US20030139360A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION
; FILE REFERENCE: RTS-0340
; CURRENT APPLICATION NUMBER: US/10/027,983
; CURRENT FILING DATE: 2001-12-18
; SEQ ID NO 90
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-027-983-90
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Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY      3639 AATTGCTGAGATTGCAGAG 3658
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Db       1 AAGTGTGAGATTACAGATG 20
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RESULT 639
US-10-278-047-1/c
; Sequence 1, Application US/10278047
; Publication No. US20030143591A1
; GENERAL INFORMATION:
; APPLICANT: Davies, Martin
; APPLICANT: Bruce, Ian
; APPLICANT: Wolter, Andreas
; TITLE OF INVENTION: NUCLEIC ACID PROBES AND METHODS TO DETECT AND/OR QUANTIFY NUCLEIC
; FILE REFERENCE: PRO. 07
; CURRENT APPLICATION NUMBER: US/10/278,047
; CURRENT FILING DATE: 2002-10-21
; PRIOR APPLICATION NUMBER: 60/336,432
; PRIOR FILING DATE: 2001-10-19
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic Nucleic Acid Probe
; NAME/KEY: misc_feature
; LOCATION: (1)..(20)
US-10-278-047-1
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Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY      5393 AAAAAAAAAACAAAAGAGAA 5412
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Db       20 AAAAAAAAAAAAAAAAAAAAA 1
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RESULT 640
US-10-143-030A-577/c
; Sequence 577, Application US/10143030A
; Publication No. US20030147901A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnuyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC33
; CURRENT APPLICATION NUMBER: US/10/143,030A
; CURRENT FILING DATE: 2002-08-27
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 577
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
```



```
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-143-030A-577

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGCTGTGAGGCGCAGTG 5215
      ||||| ||||| |||||
Db      20 TCAGTGTGAAGGCCACGTC 1

RESULT 641
US-10-002-967A-577/c
/ Sequence 577, Application US/10002967A
/ Publication No. US20030148373A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Deameyere, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferreira, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gertlisen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C72
/ CURRENT APPLICATION NUMBER: US/10/002,967A
/ PRIOR FILING DATE: 2001-10-24
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
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/ PRIOR APPLICATION NUMBER: 60/066364
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/ PRIOR APPLICATION NUMBER: 60/077641
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/ PRIOR APPLICATION NUMBER: 60/078004
/ PRIOR FILING DATE: 1998-03-13
/ PRIOR APPLICATION NUMBER: 60/078886
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/ PRIOR FILING DATE: 1998-03-20
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/ PRIOR FILING DATE: 1998-04-22
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/ PRIOR FILING DATE: 1998-04-22
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/ PRIOR APPLICATION NUMBER: 60/082797
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/ PRIOR APPLICATION NUMBER: 60/085704
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085697
/ PRIOR APPLICATION NUMBER: 60/085697

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred.No.7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Qy      5196 TCAGCGTGAGAGCCACGCTG 5215
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Db      20 TCAGGTGTAAGGCCACGCTG 1

RESULT 642
US-10-017-083A-577/c
; Sequence 577, Application US/10017083A
; Publication No. US20030148376A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tunas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1c67
; CURRENT APPLICATION NUMBER: US/10/017,083A
; PRIOR FILING DATE: 2001-10-24
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 577
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-083A-577

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred.No.7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      5196 TCAGCGTGAGAGCCACGCTG 5215
      ||||| ||||| ||||| |||||
Db      20 TCAGGTGTAAGGCCACGCTG 1

RESULT 643
US-10-145-128A-577/c
; Sequence 577, Application US/10145128A
; Publication No. US20030157615A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
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/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerltzen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C46
/ CURRENT APPLICATION NUMBER: US/10/145,128A
/ CURRENT FILING DATE: 2002-10-01
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PAM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-128A-577

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 3; Indels 0; Gaps 0;

QY      5196 TCAGCGTGGAGGCCACGTG 5215
DB      20 TCAGTGTGAAAGGCCACGTG 1

RESULT 644
US-10-371-066-16/C
/ Sequence 16, Application US/10371066
/ Publication No. US20030162214A1
/ GENERAL INFORMATION:
/ APPLICANT: Heller, Michael J.; and Tu, Eugene
/ TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING
/ MICROELECTRONIC SYSTEMS AND DEVICES FOR
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MOLECULAR BIOLOGICAL ANALYSIS AND
DIAGNOSTICS
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 611 West Sixth Street
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90017
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: Wordperfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/371,066
FILING DATE: 21-Feb-2003
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/146,504
FILING DATE: No. US20030162214A1ember 1, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 203/218
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
/ INFORMATION FOR SEQ ID NO: 16:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ SEQUENCE DESCRIPTION: SEQ ID NO: 16:
US-10-371-066-16

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATCAAAAAGAA 5412
DB      20 AAAAAAAAAAAAAAAAAA 1

RESULT 645
US-10-054-789-19/C
/ Sequence 19, Application US/10054789
/ Publication No. US20030162290A1
/ GENERAL INFORMATION:
/ APPLICANT: Kazuomo Inoue et al.
/ TITLE OF INVENTION: METHOD FOR INDUCING DIFFERENTIATION OF EMBRYONIC STEM CELLS INTO
/ FUNCTIONING CELLS
/ FILE REFERENCE: 0020-4954P
/ CURRENT APPLICATION NUMBER: US/10/054,789
/ CURRENT FILING DATE: 2002-01-25
/ NUMBER OF SEQ ID NOS: 28
/ SEQ ID NO 19
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide primer
US-10-054-789-19

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 3; Indels 0; Gaps 0;

QY      2523 GGCATCAACCAACGTTTC 2542
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Db 20 GGCAATCAACACACATTTC 1

RESULT 646
US-10-017-191A-577/c
Sequence 577, Application US/10017191A
Publication No. US20030170254A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnayers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630PIC62
CURRENT APPLICATION NUMBER: US/10/017,191A
CURRENT FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
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PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392

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/ PRIOR APPLICATION NUMBER: 60/083495
/ PRIOR FILING DATE: 1998-04-29
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/ PRIOR FILING DATE: 1998-04-29
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/ PRIOR APPLICATION NUMBER: 60/083500
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/083742
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/ PRIOR APPLICATION NUMBER: 60/085704
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085697

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy      5196 TCAGCGTGGAGGCCACGCG 5215
      ||||| ||||| ||||| |||||
Db      20 TCAGTGTGAAGGCCACGCG 1
```

```
RESULT 647
US-10-143-028A-577/c
/ Sequence 577, Application US/10143028A
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/ Publication No. US20030180310A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Flvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerltsen, Mary B.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC37
/ CURRENT FILING DATE: 2001-10-19
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
/ US-10-143-028A-577

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy      5196 TCAGCGTGGAGGCCACGCG 5215
      ||||| ||||| ||||| |||||
Db      20 TCAGTGTGAAGGCCACGCG 1
```

RESULT 648
US-10-143-029A-577/C
; Sequence 577, Application US/10143029A
; Publication No. US20030180311A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Demoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC54
; CURRENT APPLICATION NUMBER: US/10/143,029A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27

; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080333
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081952
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081838
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082568
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082569
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082704
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082700
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082797
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082796
; PRIOR FILING DATE: 1998-04-23
; PRIOR APPLICATION NUMBER: 60/083336
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083392
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083495
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083496

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/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/083499
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/083545
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/083554
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/083558
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/083559
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/083500
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/083742
/ PRIOR FILING DATE: 1998-04-30
/ PRIOR APPLICATION NUMBER: 60/084366
/ PRIOR FILING DATE: 1998-05-05
/ PRIOR APPLICATION NUMBER: 60/084414
/ PRIOR FILING DATE: 1998-05-06
/ PRIOR APPLICATION NUMBER: 60/084441
/ PRIOR FILING DATE: 1998-05-06
/ PRIOR APPLICATION NUMBER: 60/084637
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/084639
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/084640
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/084627
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/084643
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/085339
/ PRIOR FILING DATE: 1998-05-13
/ PRIOR APPLICATION NUMBER: 60/085338
/ PRIOR FILING DATE: 1998-05-13
/ PRIOR APPLICATION NUMBER: 60/085323
/ PRIOR FILING DATE: 1998-05-13
/ PRIOR APPLICATION NUMBER: 60/085582
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085700
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085689
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085579
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085580
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085573
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085704
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085697

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5196 TCAGGTGGAGGCGGCGTG 5215
DB 20 TCAGGTGAAAGCGCGGTG 1
```

```
RESULT 649
US-10-410-324-55:
/ Sequence 55, Application US/10410324
/ Publication No. US20030180783A1
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
```

```
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elghanian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ FILE REFERENCE: 00-713-126
/ CURRENT APPLICATION NUMBER: US/10/410,324
/ PRIOR FILING DATE: 2003-04-09
/ PRIOR APPLICATION NUMBER: 09/961,949
/ PRIOR FILING DATE: 2001-09-20
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 55
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: random
US-10-410-324-55
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```
Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATTCAGAAAGAAA 5412
DB 1 AAAAAAAAAAAAAAAAAAAAAA 20
```

```
RESULT 650
US-10-145-089A-577/C
/ Sequence 577, Application US/10145089A
/ Publication No. US20030180867A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerltsen, Mary B.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Aueith L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
```

```
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2630P1C31
/ CURRENT APPLICATION NUMBER: US/10/145,089A
/ PRIOR FILING DATE: 2002-09-04
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
/ US-10-145-089A-577

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy          5196 TCAGCGTGGAGGCCACGCG 5215
Db          20 TCAGTGTGAAGGCCACGCG 1

RESULT 651
/ US-10-032-585-4750
/ Sequence 4750, Application US/10032585
/ Publication No. US20030180953A1
/ GENERAL INFORMATION:
/ APPLICANT: Terry, Roemer D.
/ APPLICANT: Bo, Jlang
/ APPLICANT: Charles, Boone
/ APPLICANT: Howard, Bussey
/ TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
/ FILE REFERENCE: 10182-005-999
/ CURRENT APPLICATION NUMBER: US/10/032,585
/ PRIOR FILING DATE: 2001-12-20
/ NUMBER OF SEQ ID NOS: 8000
/ SOFTWARE: Patent in version 3.1
/ SEQ ID NO 4750
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Candida albicans
/ US-10-032-585-4750

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy          5070 TCATCTGTGTGGCCACGACGAG 5089
Db          11 TCATCTGTGTGGCCACGACGAG 20
```

```
Db          1 TCTTCTGTGTGGCCATGCGAG 20

RESULT 652
/ US-10-165-067A-577/C
/ Sequence 577, Application US/10165067A
/ Publication No. US20030185841A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gertlesen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gutney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas P.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2630P1C42
/ CURRENT APPLICATION NUMBER: US/10/165,067A
/ PRIOR FILING DATE: 2001-10-19
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
/ US-10-165-067A-577

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```



```
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-164-728A-577

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGCGTGGAGGCCACGCGT 5215
          ||||| ||||| ||||| |||||
          ||||| ||||| ||||| |||||
Db       20 TCAGGTGTAAAGGCCACGCGT 1

RESULT 655
US-10-013-926A-577/c
; Sequence 577, Application US/10013926A
; Publication No. US20030187241A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertlesen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C80
; CURRENT APPLICATION NUMBER: US/10/013,926A
; CURRENT FILING DATE: 2002-09-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 577
; LENGTH: 20
```

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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-926A-577

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGCGTGGAGGCCACGCGT 5215
          ||||| ||||| ||||| |||||
          ||||| ||||| ||||| |||||
Db       20 TCAGGTGTAAAGGCCACGCGT 1

RESULT 656
US-10-165-247A-577/c
; Sequence 577, Application US/10165247A
; Publication No. US20030190321A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertlesen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C41
; CURRENT APPLICATION NUMBER: US/10/165,247A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
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/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-165-247A-577

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGCGTGGAGGCGACGCG 5215
DB      20 TCAGTGTGMAAGGCCACGCG 1

RESULT 657
US-10-145-124A-577/c
/ Sequence 577, Application US/10145124A
/ Publication No. US20030190701A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Baton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerltsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C44
/ CURRENT APPLICATION NUMBER: US/10/145,124A
/ PRIOR FILING DATE: 2002-08-30
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
```

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/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-124A-577

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGCGTGGAGGCGACGCG 5215
DB      20 TCAGTGTGMAAGGCCACGCG 1

RESULT 658
US-10-160-502A-577/c
/ Sequence 577, Application US/10160502A
/ Publication No. US20030190703A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Baton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerltsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C57
/ CURRENT APPLICATION NUMBER: US/10/160,502A
/ PRIOR FILING DATE: 2001-10-19
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
```

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/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-160-502A-577

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred.No.7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGCGTGGAGCGCACGCG 5215
Db      20 TCAGTGTGAAAGCCACGCG 1

RESULT 659
US-10-145-087A-577/c
/ Sequence 577, Application US/10145087A
/ Publication No. US20030194410A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Baton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gertlesen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC47
/ CURRENT APPLICATION NUMBER: US/10/145,087A
/ PRIOR FILING DATE: 2001-10-18
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
```

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/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-087A-577

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred.No.7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGCGTGGAGCGCACGCG 5215
Db      20 TCAGTGTGAAAGCCACGCG 1

RESULT 660
US-10-401-343-66
/ Sequence 66, Application US/10401343
/ Publication No. US20030194735A1
/ GENERAL INFORMATION:
/ APPLICANT: Beck, James J
/ APPLICANT: Barnett, Charles J
/ TITLE OF INVENTION: Detection of Wheat and Barley Fungal Pathogens which are
/ TITLE OF INVENTION: Resistant To Certain Fungicides Using The Polymerase Chain
/ FILE REFERENCE: 70008USNP
/ CURRENT APPLICATION NUMBER: US/10/401,343
/ PRIOR FILING DATE: 2003-03-27
/ PRIOR APPLICATION NUMBER: 60/369,796
/ PRIOR FILING DATE: 2002-04-03
/ NUMBER OF SEQ ID NOS: 77
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 66
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial sequence
/ FEATURE:
/ OTHER INFORMATION: primer
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: (1)..(20)
US-10-401-343-66

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred.No.7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      855 CACCTCCACCGCAGTGTAA 874
Db      1 CACTTCCACGCGCAGTGTAA 20

RESULT 661
US-10-017-086A-577/c
/ Sequence 577, Application US/10017086A
/ Publication No. US20030194744A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
```

```

/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerltzen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC64
/ CURRENT FILING DATE: 2002-04-30
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-086A-577
```

```

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY      5196 TCAGCGTGAGAGCCACGCG 5215
DB      20 TCAGTGTGAAGGCCACGCG 1
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```

RESULT 662
US-10-164-829A-577/C
/ Sequence 577, Application US/10164829A
/ Publication No. US20030194780A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerltzen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
```

```

/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Stewart, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC28
/ CURRENT FILING DATE: US/10/164,829A
/ CURRENT FILING DATE: 2001-10-19
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-164-829A-577
```

```

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5196 TCAGCGTGAGAGCCACGCG 5215
DB      20 TCAGTGTGAAGGCCACGCG 1
```

```

RESULT 663
US-10-164-929A-577/C
/ Sequence 577, Application US/10164929A
/ Publication No. US20030194781A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerltzen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
```

```
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2630P1C36
/ CURRENT FILING DATE: 2001-10-19
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See file Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ PEATRE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
/ US-10-164-929A-577

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGCGTGGAGGCCACGTG 5215
Db      20 TCAGTGTGAAGGCCACGTG 1

RESULT 664
US-10-013-922A-577/c
/ Sequence 577, Application US/10013922A
/ Publication No. US20030195345A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gertlgen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
```

```
/ APPLICANT: Hillan, Kenneth J
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2630P1C81
/ CURRENT FILING DATE: 2001-10-25
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ PRIOR APPLICATION NUMBER: 60/078004
/ PRIOR FILING DATE: 1998-03-13
/ PRIOR APPLICATION NUMBER: 60/078886
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/078936
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/078910
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/078939
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/079294
/ PRIOR FILING DATE: 1998-03-25
/ PRIOR APPLICATION NUMBER: 60/079656
/ PRIOR FILING DATE: 1998-03-26
/ PRIOR APPLICATION NUMBER: 60/079664
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079689
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079690
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079728
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079786
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079920
/ PRIOR FILING DATE: 1998-03-30
/ PRIOR APPLICATION NUMBER: 60/079923
/ PRIOR FILING DATE: 1998-03-30
/ PRIOR APPLICATION NUMBER: 60/080105
/ PRIOR FILING DATE: 1998-03-31
/ PRIOR APPLICATION NUMBER: 60/080107
/ PRIOR FILING DATE: 1998-03-31
/ PRIOR APPLICATION NUMBER: 60/080165
/ PRIOR FILING DATE: 1998-03-31
/ PRIOR APPLICATION NUMBER: 60/080194
/ PRIOR FILING DATE: 1998-03-31
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;; PRIOR APPLICATION NUMBER: 60/080327
;; PRIOR FILING DATE: 1998-04-01
;; PRIOR APPLICATION NUMBER: 60/080328
;; PRIOR FILING DATE: 1998-04-01
;; PRIOR APPLICATION NUMBER: 60/080333
;; PRIOR FILING DATE: 1998-04-01
;; PRIOR APPLICATION NUMBER: 60/080334
;; PRIOR FILING DATE: 1998-04-01
;; PRIOR APPLICATION NUMBER: 60/081070
;; PRIOR FILING DATE: 1998-04-08
;; PRIOR APPLICATION NUMBER: 60/081049
;; PRIOR FILING DATE: 1998-04-08
;; PRIOR APPLICATION NUMBER: 60/081071
;; PRIOR FILING DATE: 1998-04-08
;; PRIOR APPLICATION NUMBER: 60/081195
;; PRIOR FILING DATE: 1998-04-08
;; PRIOR APPLICATION NUMBER: 60/081203
;; PRIOR FILING DATE: 1998-04-09
;; PRIOR APPLICATION NUMBER: 60/081229
;; PRIOR FILING DATE: 1998-04-09
;; PRIOR APPLICATION NUMBER: 60/081955
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081817
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081819
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081952
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081838
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/082568
;; PRIOR FILING DATE: 1998-04-21
;; PRIOR APPLICATION NUMBER: 60/082569
;; PRIOR FILING DATE: 1998-04-21
;; PRIOR APPLICATION NUMBER: 60/082704
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082804
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082700
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082797
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082796
;; PRIOR FILING DATE: 1998-04-23
;; PRIOR APPLICATION NUMBER: 60/083336
;; PRIOR FILING DATE: 1998-04-27
;; PRIOR APPLICATION NUMBER: 60/083322
;; PRIOR FILING DATE: 1998-04-28
;; PRIOR APPLICATION NUMBER: 60/083392
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083495
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083496
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083499
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083545
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083554
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083558
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083559
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083500
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083742
;; PRIOR FILING DATE: 1998-04-30
;; PRIOR APPLICATION NUMBER: 60/084366
;; PRIOR FILING DATE: 1998-05-05
;; PRIOR APPLICATION NUMBER: 60/084414
;; PRIOR FILING DATE: 1998-05-06
;; PRIOR APPLICATION NUMBER: 60/084441

;; PRIOR FILING DATE: 1998-05-06
;; PRIOR APPLICATION NUMBER: 60/084637
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084639
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084640
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084598
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084600
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084627
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084643
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/085339
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085338
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085323
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085582
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085700
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085689
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085579
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085580
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3% Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5196 TCAGCTGGAGCGCACGCG 5215
Db 20 TCAGCTGTAAGCGCACGCG 1

RESULT 665
US-10-020-445A-577/c
; Sequence 577, Application US/10020445A
; Publication No. US20030198994A1
GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltzen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Iyaz J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann

APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630Plc74
CURRENT APPLICATION NUMBER: US/10/020,445A
CURRENT FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/06364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078939
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079664
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079689
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079786
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079920
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/079923
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/080105
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080107
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080333
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080334

PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/081070
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081049
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081071
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081955
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081819
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081952
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081838
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082568
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082569
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083499
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084639
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07


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; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697
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Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY      5196 TCAGCGTGGAGGCCACGCG 5215
Db      20 TCAGTGTGAAGGCCACGCG 1
```

```

RESULT 666
US-10-013-924A-577/c
; Sequence 577, Application US/10013924A
; Publication No. US20030199021A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fond, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertlesen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
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```

; FILE REFERENCE: P2630PIC76
; CURRENT APPLICATION NUMBER: US/10/013.924A
; CURRENT FILING DATE: 2002-12-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 577
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
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```

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY      5196 TCAGCGTGGAGGCCACGCG 5215
Db      20 TCAGTGTGAAGGCCACGCG 1
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```

RESULT 667
US-10-017-084A-577/c
; Sequence 577, Application US/10017084A
; Publication No. US20030203402A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fond, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertlesen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
```

```
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC66
/ CURRENT FILING DATE: 2002-04-30
/ PRIOR APPLICATION NUMBER: US/10/017,084A
/ PRIOR APPLICATION REMOVED - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO: 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-084A-577

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred.No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGCGTGGAGGCCACGCG 5215
DB      20 TCAGGTGTGAAGGCCACGCG 1

RESULT 668
US-10-145-016A-577/c
/ Sequence 577, Application US/10145016A
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavini, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC52
/ CURRENT APPLICATION NUMBER: US/10/145,016A
/ CURRENT FILING DATE: 2001-10-18
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
```

```
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO: 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-016A-577

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred.No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGCGTGGAGGCCACGCG 5215
DB      20 TCAGGTGTGAAGGCCACGCG 1

RESULT 669
US-10-145-088A-577/c
/ Sequence 577, Application US/10145088A
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavini, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC49
/ CURRENT APPLICATION NUMBER: US/10/145,088A
/ CURRENT FILING DATE: 2002-10-10
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
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```

; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 577
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-145-088A-577

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGCTGGAGGCCACGCG 5215
DB      20 TCAGCTGTAAGGCCACGCG 1

RESULT 670
US-10-145-092A-577/c
; Sequence 577, Application US/10145092A
; GENERAL INFORMATION:
; APPLICATION: Ashkenazi, Avi
; APPLICATION: Baker Kevin P.
; APPLICATION: Botstein, David
; APPLICATION: Desnoyers, Luc
; APPLICATION: Eaton, Dan
; APPLICATION: Ferrara, Napoleon
; APPLICATION: Filvaroff, Ellen
; APPLICATION: Fong, Sherman
; APPLICATION: Gao, Wei-Qiang
; APPLICATION: Gerber, Hanspeter
; APPLICATION: Gerltzen, Mary E.
; APPLICATION: Goddard, Audrey
; APPLICATION: Grimaldi, J. Christopher
; APPLICATION: Guiney, Austin L.
; APPLICATION: Hillan, Kenneth J
; APPLICATION: Kijavlin, Ivar J.
; APPLICATION: Kuo, Sophia S.
; APPLICATION: Napier, Mary A.
; APPLICATION: Pan, James
; APPLICATION: Paoni, Nicholas F.
; APPLICATION: Roy, Margaret Ann
; APPLICATION: Shelton, David L.
; APPLICATION: Stewart, Timothy A.
; APPLICATION: Tumas, Daniel
; APPLICATION: Williams, P. Mickey
; APPLICATION: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC45
; CURRENT APPLICATION NUMBER: US/10/145,092A
; PRIOR FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
```

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; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 577
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-145-092A-577

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGCTGGAGGCCACGCG 5215
DB      20 TCAGCTGTAAGGCCACGCG 1

RESULT 671
US-10-145-129A-577/c
; Sequence 577, Application US/10145129A
; GENERAL INFORMATION:
; APPLICATION: Ashkenazi, Avi
; APPLICATION: Baker Kevin P.
; APPLICATION: Botstein, David
; APPLICATION: Desnoyers, Luc
; APPLICATION: Eaton, Dan
; APPLICATION: Ferrara, Napoleon
; APPLICATION: Filvaroff, Ellen
; APPLICATION: Fong, Sherman
; APPLICATION: Gao, Wei-Qiang
; APPLICATION: Gerber, Hanspeter
; APPLICATION: Gerltzen, Mary E.
; APPLICATION: Goddard, Audrey
; APPLICATION: Godowski, Paul J.
; APPLICATION: Grimaldi, J. Christopher
; APPLICATION: Guiney, Austin L.
; APPLICATION: Hillan, Kenneth J
; APPLICATION: Kijavlin, Ivar J.
; APPLICATION: Kuo, Sophia S.
; APPLICATION: Napier, Mary A.
; APPLICATION: Paoni, Nicholas F.
; APPLICATION: Roy, Margaret Ann
; APPLICATION: Shelton, David L.
; APPLICATION: Stewart, Timothy A.
; APPLICATION: Tumas, Daniel
; APPLICATION: Williams, P. Mickey
; APPLICATION: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC51
; CURRENT APPLICATION NUMBER: US/10/145,129A
; PRIOR FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
```



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; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C40
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 577
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-165-353A-577
```

```

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5196 TCAGCGTGGAGGCCACGCG 5215
DB      20 TCAGTGTGAAGGCCACGCG 1
```

```

RESULT 674
US-10-167-600-577/c
; Sequence 577, Application US/10167600
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Iyar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
```

```

; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C35
; CURRENT FILING DATE: 2002-12-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 577
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-167-600-577
```

```

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5196 TCAGCGTGGAGGCCACGCG 5215
DB      20 TCAGTGTGAAGGCCACGCG 1
```

```

RESULT 675
US-10-170-481A-577/c
; Sequence 577, Application US/10170481A
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Iyar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
```

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/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C53
/ CURRENT APPLICATION NUMBER: US/10/170,481A
/ CURRENT FILING DATE: 2002-10-10
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-170-481A-577

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5196 TCAGCGTGGAGGCCACGCGT 5215
DB      20 TCAGTGTGAAAGGCCACGCGT 1
```

```
RESULT 676
US-10-172-039A-577/c
/ Sequence 577, Application US/10172039A
/ Publication No. US20030203445A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gottlieb, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavini, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
```

```
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas P.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C30
/ CURRENT APPLICATION NUMBER: US/10/172,039A
/ CURRENT FILING DATE: 2002-10-10
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-172-039A-577

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5196 TCAGCGTGGAGGCCACGCGT 5215
DB      20 TCAGTGTGAAAGGCCACGCGT 1
```

```
RESULT 677
US-10-210-028-577/c
/ Sequence 577, Application US/10210028
/ Publication No. US20030203446A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gottlieb, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
```

```

; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC52
; CURRENT FILING DATE: US/10/210,028
; PRIOR FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 577
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-210-028-577

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGCGTGGAGGCCACGCG 5215
DB      20 TCAGGTGTGAAGGCCACGCG 1

RESULT 678
US-10-017-085A-577/c
; Sequence 577, Application US/10017085A
; Publication No. US20030204055A1
; GENERAL INFORMATION:
; APPLICANT: Aehkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Flvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.

```

```

; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC73
; CURRENT FILING DATE: US/10/017,085A
; PRIOR FILING DATE: 2002-04-30
; PRIOR APPLICATION data removed - File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 577
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-017-085A-577

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGCGTGGAGGCCACGCG 5215
DB      20 TCAGGTGTGAAGGCCACGCG 1

RESULT 679
US-10-013-916A-577/c
; Sequence 577, Application US/10013916A
; Publication No. US20030206915A1
; GENERAL INFORMATION:
; APPLICANT: Aehkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Flvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC79

```

```
; CURRENT APPLICATION NUMBER: US/10/013,916A
; CURRENT FILING DATE: 2002-04-30
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 577
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-916A-577
```

```
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5196 TCAGCTGGAGGCCACCTG 5215
DB 20 TCAGGTGAAAGCCACCTG 1
```

```
RESULT 680
US-10-266-983-55
; Sequence 55, Application US/10266983
; Publication No. US20030207296A1
; GENERAL INFORMATION:
; APPLICANT: Park, So-Jung
; APPLICANT: Taton, Thomas Andrew
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 01-1565-A
; CURRENT FILING DATE: 2002-10-08
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-10-266-983-55
```

```
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACAAAAAGAA 5412
DB 1 AAAAAATACAAAAAGAA 20
```

```
RESULT 681
US-10-266-983-70
; Sequence 70, Application US/10266983
; Publication No. US20030207296A1
; GENERAL INFORMATION:
; APPLICANT: Park, So-Jung
; APPLICANT: Taton, Thomas Andrew
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 01-1565-A
; CURRENT FILING DATE: 2002-10-08
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-10-266-983-70
```

```
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACAAAAAGAA 5412
DB 1 AAAAAATACAAAAAGAA 20
```

```
RESULT 682
US-10-448-836-217/c
; Sequence 217, Application US/10448836
; Publication No. US20030207313A1
; GENERAL INFORMATION:
; APPLICANT: KIM, Jeong Joon; SJ HIGHTECH Co., Ltd.
; APPLICANT: KIM, Cheol Min
; APPLICANT: PARK, Hee Kyung
; TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
; FILE REFERENCE: PP05020/PCT
; CURRENT APPLICATION NUMBER: US/10/448,836
; CURRENT FILING DATE: 2003-05-30
; PRIOR APPLICATION NUMBER: KR 10-1999-0019631
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019632
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019633
```



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; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019634
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019635
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-2000-0018189
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 243
; SOFTWARE: Koparentin 1.71
; SEQ ID NO: 217
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium
US-10-448-836-217

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1036 GAGTCACCCACGCCCCCAG 1055
DB      20 GAGTCACCGAAGCTCCACAGC 1

RESULT 683
US-10-148-835-52
; Sequence 52, Application US/10148835
; Publication No. US20030207380A1
; GENERAL INFORMATION:
; APPLICANT: SAITO et al.
; TITLE OF INVENTION: MUTANT ER alpha AND TEST SYSTEMS FOR TRANSACTIVATION
; FILE REFERENCE: 2185-0648P
; CURRENT APPLICATION NUMBER: US/10/148,835
; CURRENT FILING DATE: 2002-10-11
; NUMBER OF SEQ ID NOS: 213
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO: 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Designed
US-10-148-835-52

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2330 ATCATCTCCACCTCTTGAA 2339
DB      1 ATCAGTCCACCTTCTAGAA 20

RESULT 684
US-10-143-026B-577/C
; Sequence 577, Application US/10143026B
; Publication No. US20030207803A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltzen, Mary E.
```

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; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC58
; CURRENT APPLICATION NUMBER: US/10/143,026B
; CURRENT FILING DATE: 2003-05-09
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO: 577
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-143-026B-577

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGGTGGAGGCGCAGGTG 5215
DB      20 TCAGGTGAAGGCCACGTTG 1

RESULT 685
US-10-013-918A-577/C
; Sequence 577, Application US/10013918A
; Publication No. US20030211091A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
```

APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerlsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C77
CURRENT FILING DATE: 2002-03-25
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078939
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079664
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079689
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079786
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079920
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/079923
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/080105

PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080107
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080333
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080334
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/081070
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081049
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081071
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081955
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081819
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081952
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081838
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082568
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082569
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083499
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29

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/ PRIOR APPLICATION NUMBER: 60/083742
/ PRIOR FILING DATE: 1998-04-30
/ PRIOR APPLICATION NUMBER: 60/084366
/ PRIOR FILING DATE: 1998-05-05
/ PRIOR APPLICATION NUMBER: 60/084414
/ PRIOR FILING DATE: 1998-05-06
/ PRIOR APPLICATION NUMBER: 60/084441
/ PRIOR FILING DATE: 1998-05-06
/ PRIOR APPLICATION NUMBER: 60/084637
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/084639
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/084640
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/084598
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/084600
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/084627
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/084643
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/085339
/ PRIOR FILING DATE: 1998-05-13
/ PRIOR APPLICATION NUMBER: 60/085338
/ PRIOR FILING DATE: 1998-05-13
/ PRIOR APPLICATION NUMBER: 60/085323
/ PRIOR FILING DATE: 1998-05-13
/ PRIOR APPLICATION NUMBER: 60/085582
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085700
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085689
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085579
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085580
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085573
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085704
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085697
```

```
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 5196 TCAGGTGGAGGCCACGTG 5215
Db 20 TCAGTGTGAAGGCCACGTG 1
```

```
RESULT 686
US-10-162-521A-577/c
/ Sequence 577, Application US/10162521A
/ Publication No. US20030211092A1
```

GENERAL INFORMATION:

```
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Garber, Hanspeter
/ APPLICANT: Gerltzen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
```

```
/ APPLICANT: Hillan, Kenneth J
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC55
/ CURRENT APPLICATION NUMBER: US/10/162,521A
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ OTHER INFORMATION: Synthetic oligonucleotide probe
/ US-10-162-521A-577
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```
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 5196 TCAGGTGGAGGCCACGTG 5215
Db 20 TCAGTGTGAAGGCCACGTG 1
```

```
RESULT 687
US-10-448-753-90
/ Sequence 90, Application US/10448753
/ Publication No. US20030211611A1
```

GENERAL INFORMATION:

```
/ APPLICANT: Kenneth W. Dobie
/ APPLICANT: Mark P. Roach
/ TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION
/ FILE REFERENCE: RTS-0340
/ CURRENT APPLICATION NUMBER: US/10/448,753
/ CURRENT FILING DATE: 2003-05-30
/ PRIOR APPLICATION NUMBER: US/10/027,983
/ PRIOR FILING DATE: 2001-12-18
/ NUMBER OF SEQ ID NOS: 98
/ SEQ ID NO 90
/ LENGTH: 20
/ TYPE: DNA
```

```
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-448-753-90
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 3639 AATGCTGAGATTGACAGG 3658
```

```
Db 1 AAGTCTGAGATTACAGATG 20
```

```
RESULT 688
US-10-314-578-226/c
/ Sequence 226, Application US/10314578
/ Publication No. US20030212026A1
/ GENERAL INFORMATION:
/ APPLICANT: Krieg, Arthur M.
/ APPLICANT: Schetter, Christian
/ APPLICANT: Vollmer, Jorg
/ TITLE OF INVENTION: Immunostimulatory Nucleic Acids
/ FILE REFERENCE: C1039/7035 (HCL/MAT)
/ CURRENT FILING DATE: 2002-12-09
/ PRIOR APPLICATION NUMBER: US/10/314,578
/ PRIOR FILING DATE: 1999-09-25
/ PRIOR APPLICATION NUMBER: US 60/156,113
/ PRIOR FILING DATE: 1999-09-27
/ PRIOR APPLICATION NUMBER: US 60/156,135
/ PRIOR FILING DATE: 2000-08-23
/ NUMBER OF SEQ ID NOS: 1145
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 226
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-10-314-578-226
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAAATACAAAAAGAA 5412
```

```
Db 20 AAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 689
US-10-314-578-556/c
/ Sequence 556, Application US/10314578
/ Publication No. US20030212026A1
/ GENERAL INFORMATION:
/ APPLICANT: Krieg, Arthur M.
/ APPLICANT: Schetter, Christian
/ APPLICANT: Vollmer, Jorg
/ TITLE OF INVENTION: Immunostimulatory Nucleic Acids
/ FILE REFERENCE: C1039/7035 (HCL/MAT)
/ CURRENT FILING DATE: 2002-12-09
/ PRIOR APPLICATION NUMBER: US/10/314,578
/ PRIOR FILING DATE: 1999-09-25
/ PRIOR APPLICATION NUMBER: US 60/156,113
/ PRIOR FILING DATE: 1999-09-27
/ PRIOR APPLICATION NUMBER: US 60/156,135
/ PRIOR FILING DATE: 2000-08-23
/ NUMBER OF SEQ ID NOS: 1145
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 556
/ LENGTH: 20
```

```
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-10-314-578-556
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAAATACAAAAAGAA 5412
```

```
Db 20 AAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 690
US-10-314-578-560
/ Sequence 560, Application US/10314578
/ Publication No. US20030212026A1
/ GENERAL INFORMATION:
/ APPLICANT: Krieg, Arthur M.
/ APPLICANT: Schetter, Christian
/ APPLICANT: Vollmer, Jorg
/ TITLE OF INVENTION: Immunostimulatory Nucleic Acids
/ FILE REFERENCE: C1039/7035 (HCL/MAT)
/ CURRENT FILING DATE: 2002-12-09
/ PRIOR APPLICATION NUMBER: US/10/314,578
/ PRIOR FILING DATE: 1999-09-25
/ PRIOR APPLICATION NUMBER: US 60/156,113
/ PRIOR FILING DATE: 1999-09-27
/ PRIOR APPLICATION NUMBER: US 60/156,135
/ PRIOR FILING DATE: 2000-08-23
/ NUMBER OF SEQ ID NOS: 1145
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 560
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-10-314-578-560
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAAATACAAAAAGAA 5412
```

```
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20
```

```
RESULT 691
US-10-314-578-772/c
/ Sequence 772, Application US/10314578
/ Publication No. US20030212026A1
/ GENERAL INFORMATION:
/ APPLICANT: Krieg, Arthur M.
/ APPLICANT: Schetter, Christian
/ APPLICANT: Vollmer, Jorg
/ TITLE OF INVENTION: Immunostimulatory Nucleic Acids
/ FILE REFERENCE: C1039/7035 (HCL/MAT)
/ CURRENT FILING DATE: 2002-12-09
/ PRIOR APPLICATION NUMBER: US/10/314,578
/ PRIOR FILING DATE: 1999-09-25
/ PRIOR APPLICATION NUMBER: US 60/156,113
/ PRIOR FILING DATE: 1999-09-27
/ PRIOR APPLICATION NUMBER: US 60/156,135
/ PRIOR FILING DATE: 2000-08-23
/ NUMBER OF SEQ ID NOS: 1145
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 772
```

```
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-10-314-578-772

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5139 ACGAATAGGAGGACATGGA 5148
DB      20 ACGATCAGAGGACATGGA 1

RESULT 692
US-10-181-200-10/c
/ Sequence 10, Application US/10181200
/ Publication No. US20030212267A1
/ GENERAL INFORMATION:
/ APPLICANT: Cole, Douglas L.
/ APPLICANT: Ravikumar, Vasulinga T.
/ APPLICANT: Cheruvallach, Zacharia S.
/ TITLE OF INVENTION: IMPROVED SYNTHESIS OF SULFURIZED OLIGONUCLEOTIDES
/ FILE REFERENCE: ISIS-4709
/ CURRENT APPLICATION NUMBER: US/10/181,200
/ PRIOR FILING DATE: 2002-12-12
/ PRIOR APPLICATION NUMBER: PCT/US01/00715
/ PRIOR FILING DATE: 2001-01-10
/ PRIOR APPLICATION NUMBER: US 09/481,486
/ NUMBER OF SEQ ID NOS: 16
/ SOFTWARE: Patentin version 3.2
/ SEQ ID NO 10
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Construct
/ NAME/KEY: misc.feature
/ LOCATION: (1)..(1)
/ OTHER INFORMATION: 2'-O-methoxyethyl
/ FEATURE:
/ NAME/KEY: misc.feature
/ LOCATION: (1)..(20)
/ OTHER INFORMATION: phosphorothioate 20-mer
US-10-181-200-10

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAA 5412
DB      20 AAAAAATACAAAAAGAA 1

RESULT 693
US-10-181-200-15/c
/ Sequence 15, Application US/10181200
/ Publication No. US20030212267A1
/ GENERAL INFORMATION:
/ APPLICANT: Cole, Douglas L.
/ APPLICANT: Ravikumar, Vasulinga T.
/ APPLICANT: Cheruvallach, Zacharia S.
/ TITLE OF INVENTION: IMPROVED SYNTHESIS OF SULFURIZED OLIGONUCLEOTIDES
/ FILE REFERENCE: ISIS-4709
/ CURRENT APPLICATION NUMBER: US/10/181,200
/ PRIOR FILING DATE: 2002-12-12
/ PRIOR APPLICATION NUMBER: PCT/US01/00715
/ PRIOR FILING DATE: 2001-01-10
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/ PRIOR APPLICATION NUMBER: US 09/481,486
/ PRIOR FILING DATE: 2000-01-11
/ NUMBER OF SEQ ID NOS: 16
/ SOFTWARE: Patentin version 3.2
/ SEQ ID NO 15
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Construct
/ NAME/KEY: misc.feature
/ LOCATION: (1)..(1)
/ OTHER INFORMATION: 2'-O-methyl
/ FEATURE:
/ NAME/KEY: misc.feature
/ LOCATION: (1)..(20)
/ OTHER INFORMATION: phosphorothioate 20-mer
US-10-181-200-15

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAA 5412
DB      20 AAAAAATACAAAAAGAA 1

RESULT 694
US-10-013-928A-577/c
/ Sequence 577, Application US/10013928A
/ Publication No. US20030215905A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Flvarooff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gertsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paonl, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PLC86
/ CURRENT APPLICATION NUMBER: US/10/013,928A
/ PRIOR FILING DATE: 2001-10-25
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
```

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; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 577
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-013-928A-577

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGGTGGAGGCCACGTG 5215
Db      20 TCAGGTGTAAGGCCACGTG 1

RESULT 695
; Sequence 577, Application US/10162522A
; Publication No. US20030215908A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Guiney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C56
; CURRENT APPLICATION NUMBER: US/10/162,522A
; TITLE OF INVENTION: Acids Encoding the Same
; PRIOR FILING DATE: 2002-10-10
; CURRENT FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 09/818585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
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; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 577
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-162-522A-577

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGGTGGAGGCCACGTG 5215
Db      20 TCAGGTGTAAGGCCACGTG 1

RESULT 696
; Sequence 577, Application US/10013923A
; Publication No. US20030216305A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Guiney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C87
; CURRENT APPLICATION NUMBER: US/10/013,923A
; TITLE OF INVENTION: Acids Encoding the Same
; PRIOR FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: 09/818585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
```

NUMBER OF SEQ ID NOS: 624
SEQ ID NO 577
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-923A-577

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5196 TCAGGTGGAGGCCACGCG 5215
DB 20 TCAGGTGAAAGCCACGCG 1

RESULT 697
US-10-181-875-83

Sequence 83, Application US/10181875
Publication No. US2003021633A1
GENERAL INFORMATION:
APPLICANT: Isis Pharmaceuticals, Inc.
APPLICANT: Brett P. Monia
APPLICANT: Robert McKay
APPLICANT: Madeline M. Butler

APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 ALPHA EXPRESSION
FILE REFERENCE: RSP-0356
CURRENT APPLICATION NUMBER: US/10/181,875
PRIOR FILING DATE: 2002-07-22
PRIOR APPLICATION NUMBER: 09/488,856
PRIOR FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 83
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense oligonucleotide
US-10-181-875-83

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4871 CTCAGTTCTTCTCTGCAA 4890
DB 1 CTCAGTTCTTCTCTGCTA 20

RESULT 698
US-10-013-925A-577/c

Sequence 577, Application US/10013925A
Publication No. US20030216560A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillen, Kenneth J.

APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C83
CURRENT APPLICATION NUMBER: US/10/013,925A
PRIOR FILING DATE: 2002-05-03
PRIOR APPLICATION removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 577
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-925A-577

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5196 TCAGGTGGAGGCCACGCG 5215
DB 20 TCAGGTGAAAGCCACGCG 1

RESULT 699
US-10-013-927A-577/c

Sequence 577, Application US/10013927A
Publication No. US20030216561A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillen, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C88
CURRENT APPLICATION NUMBER: US/10/013,927A
PRIOR FILING DATE: 2001-10-25
PRIOR Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 577
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-927A-577

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5196 TCAGCGTGGAGGCCACGCG 5215
Db 20 TCAGTGTGAAAGCCACGCG 1

RESULT 700
US-10-401-194-9
; Sequence 9, Application US/10401194
; Publication No. US20030219810A1
; GENERAL INFORMATION:
; APPLICANT: Millennium Pharmaceuticals, Inc.
; APPLICANT: Barnes, Glenn T.
; APPLICANT: Bertin, John
; TITLE OF INVENTION: POLYMORPHISMS IN THE HUMAN CARD4 GENE
; FILE REFERENCE: MP102-041PRM
; CURRENT FILING DATE: 2003-03-27
; PRIOR APPLICATION NUMBER: US/10/401,194
; PRIOR FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-401-194-9

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1614 CTTTACTTCTGAGTGCAGAG 1633
Db 1 CTGCTACAGCAGCTGCAAG 20

RESULT 701
US-10-401-194-9/C
; Sequence 9, Application US/10401194
; Publication No. US20030219810A1
; GENERAL INFORMATION:
; APPLICANT: Millennium Pharmaceuticals, Inc.
; APPLICANT: Barnes, Glenn T.
; APPLICANT: Bertin, John
; TITLE OF INVENTION: POLYMORPHISMS IN THE HUMAN CARD4 GENE
; FILE REFERENCE: MP102-041PRM
; CURRENT FILING DATE: 2003-03-27
; PRIOR APPLICATION NUMBER: US/10/401,194
; PRIOR FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-401-194-9

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 2639 CCTGCAGCTGCTGTCGAG 2658
Db 20 CTCTGCAGCTGCTGTCGAG 1

RESULT 702
US-10-448-914A-217/C
; Sequence 217, Application US/10448914A
; Publication No. US20030235856A1
; GENERAL INFORMATION:
; APPLICANT: KIM, Jeong Joon; SJ HIGHTECH Co., Ltd.
; APPLICANT: KIM, Cheol Min
; APPLICANT: PARK, Hee Kyung
; TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
; FILE REFERENCE: PP05020/PCT
; CURRENT FILING DATE: 2003-05-30
; PRIOR APPLICATION NUMBER: KR 10-1999-0019631
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019632
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019633
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019634
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019635
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-2000-0018189
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 243
; SOFTWARE: Kopatentin 1.71
; SEQ ID NO 217
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium
US-10-448-914A-217

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1036 GAGTCACCCAGCCGCCAC 1055
Db 20 GAGTCACCCAGCTCCACAC 1

RESULT 703
US-10-145-093A-577/C
; Sequence 577, Application US/10145093A
; Publication No. US2004000512A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Geiber, Hanspeter
; APPLICANT: Gottlsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.


```

/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James.
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C48
/ CURRENT APPLICATION NUMBER: US/10/145,093A
/ CURRENT FILING DATE: 2001-10-18
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/06364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-093A-577

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGCGTGGAGGCCACGCG 5215
DB      20 TCAGTGTGAAGGCCACGCG 1

RESULT 704
/ Sequence 577, Application US/10013919A
/ Publication No. US20040005657A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Deenoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerltisen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
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/ APPLICANT: Gurney, Auectin L.
/ APPLICANT: Hillan, Kenneth J
/ APPLICANT: Kljavin, Iyar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Pan, James.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C85
/ CURRENT APPLICATION NUMBER: US/10/013,919A
/ CURRENT FILING DATE: 2001-10-25
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/06364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-919A-577

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGCGTGGAGGCCACGCG 5215
DB      20 TCAGTGTGAAGGCCACGCG 1

RESULT 705
/ Sequence 23, Application US/10190366
/ Publication No. US20040006031A1
/ GENERAL INFORMATION:
/ APPLICANT: Nicholas M. Dean
/ APPLICANT: Susan M. Freiler
/ APPLICANT: Kenneth W. Doble
/ TITLE OF INVENTION: ANTISENSE MODULATION OF HMG-COA REDUCTASE EXPRESSION
/ FILE REFERENCE: PTS-0023
/ CURRENT APPLICATION NUMBER: US/10/190,366
/ CURRENT FILING DATE: 2002-07-02
/ NUMBER OF SEQ ID NOS: 409
/ SEQ ID NO 23
/ LENGTH: 20
/ TYPE: DNA
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ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-190-366-23

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2504 GAATCATGGCCTCTTTGGG 2523
DB 20 GAATCATGGCCTCTTTGGG 1

RESULT 706
US-10-190-366-86/c
Sequence 86, Application US/10190366
Publication No. US20040006031A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: Susan M. Preler
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF HMG-COA REDUCTASE EXPRESSION
FILE REFERENCE: PTS-0023
CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 409
SEQ ID NO 86
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-190-366-86

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2505 AATACATGGCCTCTTTGGG 2524
DB 20 AATGATGGCCTCTTTGGG 1

RESULT 707
US-10-190-366-220
Sequence 220, Application US/10190366
Publication No. US20040006031A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: Susan M. Preler
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF HMG-COA REDUCTASE EXPRESSION
FILE REFERENCE: PTS-0023
CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 409
SEQ ID NO 220
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-190-366-220

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2504 GAATCATGGCCTCTTTGGG 2523
DB 1 GAATCATGGCCTCTTTGGG 20

RESULT 708
US-10-190-366-283
Sequence 283, Application US/10190366
Publication No. US20040006031A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: Susan M. Preler
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF HMG-COA REDUCTASE EXPRESSION
FILE REFERENCE: PTS-0023
CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 409
SEQ ID NO 283
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-190-366-283

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2505 AATACATGGCCTCTTTGGG 2524
DB 1 AATGATGGCCTCTTTGGG 20

RESULT 709
US-10-289-762-4302
Sequence 4302, Application US/10289762
Publication No. US20040006218A1
GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 4302
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-10-289-762-4302

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2547 GGGCCTGTAGTATGAGG 2566
DB 1 GGGCCTGTAGTATGAGG 20

RESULT 710
US-10-289-762-553/c
Sequence 553, Application US/10289762
Publication No. US20040006218A1
GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 553
LENGTH: 20
TYPE: DNA

ORGANISM: Chlamydia pneumoniae
US-10-289-762-5533

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2046 ATCAACAAGAGCTCTGGG 2065
DB 20 ACCAACAAGAGCTCAAGG 1

RESULT 711

US-10-013-920A-577/c
Sequence 577, Application US/10013920A
Publication No. US20040006219A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertschen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C78
CURRENT APPLICATION NUMBER: US/10/013,920A
CURRENT FILING DATE: 2001-10-25
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 577
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-920A-577

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5196 TCAGCTGGAGGCCACGCTG 5215
DB 20 TCAGCTGTAAGGCCACGCTG 1

RESULT 712
US-10-628-841-45/c
Sequence 45, Application US/10628841
Publication No. US20040023918A1
GENERAL INFORMATION:

APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyat
TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-GAMMA EXPRESSION
FILE REFERENCE: RTS-0191
CURRENT APPLICATION NUMBER: US/10/628,841
CURRENT FILING DATE: 2003-07-28
PRIOR APPLICATION NUMBER: US/09/972,607
PRIOR FILING DATE: 2001-10-06
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 45
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense oligonucleotide
US-10-628-841-45

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5000 AGGTGCTTACAGCATCTC 5019
DB 20 AGGTGCTTATCACGAGCTC 1

RESULT 713

US-10-164-749A-577/c
Sequence 577, Application US/10164749A
Publication No. US20040029218A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertschen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C60
CURRENT APPLICATION NUMBER: US/10/164,749A
CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065111
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21

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/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-164-749A-577
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5196 TCAGCGTGGAGGCCACGCTG 5215
          ||||| ||||| ||||| |||||
DB      20 TCAGTGTGAAGGCCACGCTG 1
```

```
RESULT 714
US-10-215-448-66
/ Sequence 66, Application US/10215448
/ Publication No. US20040029273A1
/ GENERAL INFORMATION:
/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF EDG1 EXPRESSION
/ FILE REFERENCE: RTS-0179
/ CURRENT APPLICATION NUMBER: US/10/215,448
/ CURRENT FILING DATE: 2002-08-09
/ NUMBER OF SEQ ID NOS: 105
/ SEQ ID NO 66
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-215-448-66
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      2217 ACCCGAGCTCAGACCTCT 2236
          ||||| ||||| ||||| |||||
DB      1 ACCCGAGCTCTGATACCTCT 20
```

```
RESULT 715
US-10-215-448-99/C
/ Sequence 99, Application US/10215448
/ Publication No. US20040029273A1
/ GENERAL INFORMATION:
/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF EDG1 EXPRESSION
/ FILE REFERENCE: RTS-0179
/ CURRENT APPLICATION NUMBER: US/10/215,448
/ CURRENT FILING DATE: 2002-08-09
/ NUMBER OF SEQ ID NOS: 105
/ SEQ ID NO 99
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: H. sapiens
/ FEATURE:
```

US-10-215-448-99

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      2217 ACCCGAGCTCAGACCTCT 2236
          ||||| ||||| ||||| |||||
DB      20 ACCCGAGCTCTGATACCTCT 1
```

```
RESULT 716
US-10-013-917A-577/C
/ Sequence 577, Application US/10013917A
/ Publication No. US20040063921A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Flvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary B.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C82
/ CURRENT APPLICATION NUMBER: US/10/013,917A
/ CURRENT FILING DATE: 2001-10-25
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-917A-577
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5196 TCAGCGTGGAGGCCACGCTG 5215
          ||||| ||||| ||||| |||||
DB      20 TCAGTGTGAAGGCCACGCTG 1
```

```
RESULT 717
US-10-640-618-55
/ Sequence 55, Application US/10640618
/ Publication No. US20040072231A1
/ GENERAL INFORMATION:
/ APPLICANT: Mitkin, Chad A.
```

```
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elghanian, Robert
/ APPLICANT: Taton, Thomas A.
/ APPLICANT: Gariwella, Vilewadamham
/ APPLICANT: Li, Zhi
/ APPLICANT: So-Dung Park
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ TITLE OF INVENTION: AND USES THEREFOR
/ FILE REFERENCE: 00-1085-G
/ CURRENT APPLICATION NUMBER: US/10/640,618
/ PRIOR FILING DATE: 2003-08-21
/ PRIOR APPLICATION NUMBER: 09/820,279
/ PRIOR FILING DATE: 2001-03-28
/ PRIOR APPLICATION NUMBER: 60/192,699
/ PRIOR FILING DATE: 2000-03-28
/ PRIOR APPLICATION NUMBER: 60/254,392
/ PRIOR FILING DATE: 2001-12-08
/ PRIOR APPLICATION NUMBER: 60/255,235
/ PRIOR FILING DATE: 2000-12-11
/ PRIOR APPLICATION NUMBER: 09/760,500
/ PRIOR FILING DATE: 2001-01-12
/ PRIOR APPLICATION NUMBER: 60/176,409
/ PRIOR FILING DATE: 2000-01-13
/ PRIOR APPLICATION NUMBER: 60/213,906
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ Remaining Prior Application data removed - See file wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 55
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:random
US-10-640-618-55

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATGCAAAAAGAA 5412
DB 1 AAAAAAAAAAAAAAAAAA 20

RESULT 718
US-10-626-772-19/c
/ Sequence 19, Application US/10626772
/ Publication No. US20040072344A1
/ GENERAL INFORMATION:
/ APPLICANT: KAZUTOMO INOUE,
/ APPLICANT: DOHOON KIM,
/ APPLICANT: YANTUN GU
/ APPLICANT: MICHIO ISHII
/ TITLE OF INVENTION: METHOD FOR INDUCING DIFFERENTIATION OF EMBRYONIC STEM CELLS INTO
/ TITLE OF INVENTION: FUNCTIONING CELLS
/ FILE REFERENCE: 0020-5157P
/ CURRENT APPLICATION NUMBER: US/10/626,772
/ PRIOR FILING DATE: 2003-07-25
/ PRIOR APPLICATION NUMBER: US 10/054,789
/ PRIOR FILING DATE: 2002-01-25
/ NUMBER OF SEQ ID NOS: 48
/ SEQ ID NO 19
/ LENGTH: 20
```

```
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide Primer
US-10-626-772-19

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2523 GGCATCAACCAACGTTTC 2542
DB 20 GGCATCAACCAACATTTGC 1

RESULT 719
US-10-431-341-31
/ Sequence 31, Application US/10431341
/ Publication No. US20040086897A1
/ GENERAL INFORMATION:
/ APPLICANT: Markin, Chad
/ APPLICANT: Cao, Yun-Wei
/ APPLICANT: Jin, Rongchao
/ TITLE OF INVENTION: Nanoparticle Probes with Raman Spectroscopic Fingerprints for Ana
/ TITLE OF INVENTION: Detection
/ FILE REFERENCE: 02-338-C
/ CURRENT APPLICATION NUMBER: US/10/431,341
/ CURRENT FILING DATE: 2003-05-07
/ PRIOR APPLICATION NUMBER: US 60/378,538
/ PRIOR FILING DATE: 2002-05-07
/ PRIOR APPLICATION NUMBER: US 60/383,630
/ PRIOR FILING DATE: 2002-05-28
/ PRIOR APPLICATION NUMBER: US 10/172,428
/ PRIOR FILING DATE: 2002-06-14
/ NUMBER OF SEQ ID NOS: 31
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 31
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (1)..(20)
/ OTHER INFORMATION: Synthetic target sequence
US-10-431-341-31

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATGCAAAAAGAA 5412
DB 1 AAAAAAAAAAAAAAAAAA 20

RESULT 720
US-10-628-066-11
/ Sequence 11, Application US/10628066
/ Publication No. US20040086919A1
/ GENERAL INFORMATION:
/ APPLICANT: Rameshwar, Pranela
/ APPLICANT: Gascon, Pedro
/ TITLE OF INVENTION: A Human Preprothymokinin Gene Promoter
/ FILE REFERENCE: UMDNJ NMS 97-16
/ CURRENT APPLICATION NUMBER: US/10/628,066
/ PRIOR FILING DATE: 2003-07-23
/ PRIOR APPLICATION NUMBER: 09/747,429
/ PRIOR FILING DATE: 2000-12-23
/ PRIOR APPLICATION NUMBER: US 60/171,970
/ PRIOR FILING DATE: 1999-12-23
/ NUMBER OF SEQ ID NOS: 15
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 11
```

LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: synthetic sequence
US-10-628-066-11

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4263 CTTGACCTCTACCTGATCC 4282
DB 1 CTACCACTCTACTTCATCC 20

RESULT 721
US-10-300-820-36
Sequence 36, Application US/10300820
Publication No. US20040097452A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF KALLIKREIN 6 EXPRESSION
FILE REFERENCE: RTS-0444
CURRENT APPLICATION NUMBER: US/10/300,820
CURRENT FILING DATE: 2002-11-19
NUMBER OF SEQ ID NOS: 162
SEQ ID NO 36
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-300-820-36

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1887 GATCAGCGCTCGACACAG 1906
DB 1 GATCAGCGCTCGACACAG 20

RESULT 722
US-10-300-820-48
Sequence 48, Application US/10300820
Publication No. US20040097452A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF KALLIKREIN 6 EXPRESSION
FILE REFERENCE: RTS-0444
CURRENT APPLICATION NUMBER: US/10/300,820
CURRENT FILING DATE: 2002-11-19
NUMBER OF SEQ ID NOS: 162
SEQ ID NO 48
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-300-820-48

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 773 CCCAAGCCCGAGAGGCGCA 792
DB 1 CCCAAGCCCGAGAGTGGCA 20

RESULT 723

US-10-300-820-112/c
Sequence 112, Application US/10300820
Publication No. US20040097452A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF KALLIKREIN 6 EXPRESSION
FILE REFERENCE: RTS-0444
CURRENT APPLICATION NUMBER: US/10/300,820
CURRENT FILING DATE: 2002-11-19
NUMBER OF SEQ ID NOS: 162
SEQ ID NO 112
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-300-820-112

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1887 GATCAGCGCTCGACACAG 1906
DB 20 GATCAGCGCTCGACACAG 1

RESULT 724
US-10-300-820-123/c
Sequence 123, Application US/10300820
Publication No. US20040097452A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF KALLIKREIN 6 EXPRESSION
FILE REFERENCE: RTS-0444
CURRENT APPLICATION NUMBER: US/10/300,820
CURRENT FILING DATE: 2002-11-19
NUMBER OF SEQ ID NOS: 162
SEQ ID NO 123
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-300-820-123

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 773 CCCAAGCCCGAGAGGCGCA 792
DB 20 CCCAAGCCCGAGAGTGGCA 1

RESULT 725
US-10-304-116-66/c
Sequence 66, Application US/10304116
Publication No. US20040101857A1
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
TITLE OF INVENTION: MODULATION OF CYTOKINE-INDUCIBLE KINASE EXPRESSION
FILE REFERENCE: RTS-0397
CURRENT APPLICATION NUMBER: US/10/304,116
CURRENT FILING DATE: 2002-11-23
NUMBER OF SEQ ID NOS: 138
SEQ ID NO 66
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-304-116-66

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1090 CCTCAGCCCGAGCTTAGCACC 1109
DB 20 CCGCAGCCCGAGCTTAGCACC 1

RESULT 726

US-10-304-116-125
; Sequence 125, Application US/10304116
; Publication No. US20040101857A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF CYTOKINE-INDUCIBLE KINASE EXPRESSION
; FILE REFERENCE: RTS-0397
; CURRENT APPLICATION NUMBER: US/10/304,116
; CURRENT FILING DATE: 2002-11-23
; NUMBER OF SEQ ID NOS: 138
; SEQ ID NO 125
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-304-116-125

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1090 CCTCAGCCCGAGCTTAGCACC 1109
DB 1 CCGCAGCCCGAGCTTAGCACC 20

RESULT 727

US-10-303-420-171
; Sequence 171, Application US/10303420
; Publication No. US20040102398A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monla
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF B7H EXPRESSION
; FILE REFERENCE: RTS-0417
; CURRENT APPLICATION NUMBER: US/10/303,420
; CURRENT FILING DATE: 2002-11-23
; NUMBER OF SEQ ID NOS: 271
; SEQ ID NO 171
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-420-171

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2063 GGGCCCTGTGCTGTGCCCC 2082
DB 1 GGGCAGTGTGCTGTGCCCC 20

RESULT 728

US-10-315-962-33
; Sequence 33, Application US/10315962
; Publication No. US20040109848A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean

APPLICANT: Susan M. Preler
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF AP-2 ALPHA EXPRESSION
FILE REFERENCE: PTS-0046
CURRENT APPLICATION NUMBER: US/10/315,962
CURRENT FILING DATE: 2000-12-09
NUMBER OF SEQ ID NOS: 126
SEQ ID NO 33
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-315-962-33

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3031 TGCCTCTGAGACCTGCG 3050
DB 1 TCCGCTGTAGTCCCTGCG 20

RESULT 729

US-10-316-516-57/c
; Sequence 57, Application US/10316516
; Publication No. US20040110150A1
; GENERAL INFORMATION:
; APPLICANT: Erich Koller
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF BPRIN-B2 EXPRESSION
; FILE REFERENCE: PTS-0057
; CURRENT APPLICATION NUMBER: US/10/316,516
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-516-57

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1902 CACAGCTTGACAGACTCA 1921
DB 20 CAGGCTTGACAGACTCA 1

RESULT 730

US-10-316-516-115
; Sequence 115, Application US/10316516
; Publication No. US20040110150A1
; GENERAL INFORMATION:
; APPLICANT: Erich Koller
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF BPRIN-B2 EXPRESSION
; FILE REFERENCE: PTS-0057
; CURRENT APPLICATION NUMBER: US/10/316,516
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 115
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-316-516-115

Query Match 0.3%; Score 15.2; DB 1; Length 20;

Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 1902 CACAGCTCTGCAGACCTCA 1921
Db 1 CAGGCTCTGCAGACCTCA 20

RESULT 731
US-10-316-755-20/c
; Sequence 20, Application US/10316755
; Publication No. US20040110152A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; TITLE OF INVENTION: MODULATION OF MATRIX METALLOPROTEINASE 11 EXPRESSION
; FILE REFERENCE: RTS-0381
; CURRENT APPLICATION NUMBER: US/10/316,755
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 277
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-755-20

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2643 GCAGCTGCTGCTGCAGCCAC 2662
Db 20 GCTGCTGCTGCTGCAGCCGC 1

RESULT 732
US-10-316-755-175
; Sequence 175, Application US/10316755
; Publication No. US20040110152A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; TITLE OF INVENTION: MODULATION OF MATRIX METALLOPROTEINASE 11 EXPRESSION
; FILE REFERENCE: RTS-0381
; CURRENT APPLICATION NUMBER: US/10/316,755
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 277
; SEQ ID NO 175
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-316-755-175

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2643 GCAGCTGCTGCTGCAGCCAC 2662
Db 1 GCTGCTGCTGCTGCAGCCGC 20

RESULT 733
US-10-317-271A-71
; Sequence 71, Application US/10317271A
; Publication No. US20040110156A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF NRF EXPRESSION
; FILE REFERENCE: RTS-0456

; CURRENT APPLICATION NUMBER: US/10/317,271A
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 160
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-271A-71

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 986 TCCTTACCAAGCTCTTCCA 1005
Db 1 TCTTTACCAAGCTCTTACCA 20

RESULT 734
US-10-317-271A-147/c
; Sequence 147, Application US/10317271A
; Publication No. US20040110156A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF NRF EXPRESSION
; FILE REFERENCE: RTS-0456
; CURRENT APPLICATION NUMBER: US/10/317,271A
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 160
; SEQ ID NO 147
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-317-271A-147

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 986 TCCTTACCAAGCTCTTCCA 1005
Db 20 TCTTTACCAAGCTCTTACCA 1

RESULT 735
US-10-653-416-15
; Sequence 15, Application US/10653416
; Publication No. US20040110201A1
; GENERAL INFORMATION:
; APPLICANT: RASHTCHAN, AYOUB
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR CDNA SYNTHESIS
; FILE REFERENCE: 38266-0011
; CURRENT APPLICATION NUMBER: US/10/653,416
; CURRENT FILING DATE: 2003-09-03
; PRIOR APPLICATION NUMBER: 60/407,248
; PRIOR FILING DATE: 2002-09-03
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-653-416-15

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;


```

QY      1262 GCCTACAGCCCCACCAACAC 1281
          |||||
Db      1  GGCTACAGCTTCACCAACAC 20

```

```

RESULT 736
US-10-653-416-25/c
Sequence 25, Application US/10653416
Publication No. US2004011020A1
GENERAL INFORMATION:
APPLICANT: RASHTCHIAN, AYOUB
APPLICANT: SCHUSTER, DAVID M.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR CNA SYNTHESIS
FILE REFERENCE: 38266-0011
CURRENT APPLICATION NUMBER: US/10/653,416
PRIORITY FILING DATE: 2003-09-03
PRIORITY APPLICATION NUMBER: 60/4407,248
PRIORITY FILING DATE: 2002-09-03
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PatentIn Ver. 3.2
SEQ ID NO 25
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-653-416-25

```

Query Match	0.3%	Score 15.2;	DB 1;	Length 20;
Best Local Similarity	85.0%;	Pred. No. 7.2e+02;		
Matches 17;	Conservative	0;	Mismatches 3;	Indels 0;
			Gaps	0

Qy	5393	AAAAAAAAATCAAAAAAAAAAAAA	5412
Db	20	AAAAAAAAAAAAAAAAAAAAA	1

RESULT 737
US-10-716-829-55
Sequence 55, Application US/10716829
Publication No. US20040110220A1
GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storchoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THEREFOR
FILE REFERENCE: 00-715-A
CURRENT APPLICATION NUMBER: US/10/716,829
CURRENT FILING DATE: 2003-11-18
PRIOR APPLICATION NUMBER: US/09/760,500A
PRIOR FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20

```

;      TYPE: DNA
;      ORGANISM: Artificial Sequence
;      FEATURE: ..
;      OTHER INFORMATION: Description of Artificial Sequence: random
;      OTHER INFORMATION: synthetic sequence
US-10-716-829-55

```

Query Match	0.3%	Score 15.2	DB 1	Length 20
Best Local Similarity	85.0%	Pred. No. 7.2e+02		
Matches 17; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;

```

QY      5393 AAAAAAAAAACAAA 5412
          |||||  |||||
Db      1 AAAAAAAAAAAAAA 20

```

```

RESULT 738
US-10-319-915-90
; Sequence 90, Application US/10319915
; Publication No. US20040115653A1
GENERAL INFORMATION:
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: MODULATION OF ENDOTHELIAL LIPASE EXPRESSION
; FILE REFERENCES: RTS-0447
; CURRENT APPLICATION NUMBER: US/10/319,915
; CURRENT FILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 279
; SEQ ID NO 90
; LENGTH: 20
; TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-319-915-90

```

Query Match	0.3%	Score 15.2	DB 1	Length 20
Best Local Similarity	85.0%	Pred. No. 7.2e+02		
Matches 17; Conservative	0	Mismatches 3	Indels 0	Gaps 0

QY 3297 GGAGCTAGACCTGCAGCAGA 3316
||| |
Db 1 GGATCCAAACTGCAGCAGA 20

```

RESULT 739
US-10-319-915-165
: Sequence 165, Application US/10319915
: Publication No. US20040115653A1
: GENERAL INFORMATION:
: APPLICANT: Kenneth W. Doble
: TITLE OF INVENTION: MODULATION OF ENDOTHELIAL LIPASE EXPRESSION
: FILE REFERENCE: RTS-0447
: CURRENT APPLICATION NUMBER: US/10/319,915
: CURRENT FILING DATE: 2002-12-12
: NUMBER OF SEQ ID NOS: 279
: SEQ ID NO 165
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Antisense Oligonucleotide
US-10-319-915-165

```

Query Match	0.3%	Score 15.2;	DB 1;	Length 20;
Best Local Similarity	85.0%	Pred. No. 7.2e+02;		
Matches 17; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;

```

QY      3972 TCTGCTGACATCAAGGCTG 3991
          |||||
Db      1 TCTGCTAGAGATCAAGGCTG 20

```

RESULT 740

```
US-10-319-915-274/c
; Sequence 274, Application US/10319915
; Publication No. US20040115653A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF ENDOTHELIAL LIPASE EXPRESSION
; FILE REFERENCE: RTS-0447
; CURRENT APPLICATION NUMBER: US/10/319,915
; CURRENT FILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 279
; SEQ ID NO 274
; LENGTH: 20
; TYPE: DNA
; ORGANISM: M. musculus
; FEATURE:
US-10-319-915-274

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3972 TCTGCTGACATCAAGCGCTG 3991
DB      20 TCTGCTGAGATCAAGCGGTG 1

RESULT 741
US-10-470-030-15/c
; Sequence 15, Application US/10470030
; Publication No. US20040121460A1
; GENERAL INFORMATION:
; APPLICANT: The Government of the United States of America, as Represented by the
; APPLICANT: Secretary of the Department of Health and Human Services, National Instit
; APPLICANT: Health
; TITLE OF INVENTION: DIFFERENTIATION OF EMBRYONIC STEM CELLS TO PANCREATIC ENDOCRINE C
; FILE REFERENCE: 4239-66329
; CURRENT APPLICATION NUMBER: US/10/470,030
; CURRENT FILING DATE: 2003-07-22
; PRIOR APPLICATION NUMBER: PCT/US02/02361
; PRIOR FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: US 60/264,107
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: US 60/266,917
; PRIOR FILING DATE: 2001-02-06
; PRIOR APPLICATION NUMBER: US 60/344,548
; PRIOR FILING DATE: 2001-10-18
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-470-030-15

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2523 GGCATCAACACACGTTTCC 2542
DB      20 GGCATCAACACACATTTGC 1

RESULT 742
US-10-744-831-61/c
; Sequence 61, Application US/10744831
; Publication No. US20040121977A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Kenneth Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACTIVATING TRANSCRIPTION FACTOR 3 EXPRESS
```

```
; FILE REFERENCE: RTS-0331
; CURRENT APPLICATION NUMBER: US/10/744,831
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: US/10/010,002
; PRIOR FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-744-831-61

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3958 ATGTGCGCAGGCGCTCTGCT 3977
DB      20 ATGATGCGCAGGTCCTCTGTT 1

RESULT 743
US-10-671-395-178/c
; Sequence 178, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 178
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-178

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAAAAATCAAAAGAA 5412
DB      20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 744
US-10-671-395-179/c
; Sequence 179, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 179
```

/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-179

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412
|||||
DB 20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 745
US-10-671-395-180/c

/ Sequence 180, Application US/10671395
/ Publication No. US20040132063A1
/ GENERAL INFORMATION:

/ APPLICANT: Glaxo, James K

/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ FILE REFERENCE: 1179/1/US

/ CURRENT APPLICATION NUMBER: US/10/671,395

/ CURRENT FILING DATE: 2003-09-25

/ PRIOR APPLICATION NUMBER: 60/413,549

/ PRIOR FILING DATE: 2002-09-25

/ NUMBER OF SEQ ID NOS: 1809

/ SOFTWARE: Patent version 3.2

/ SEQ ID NO 180

/ LENGTH: 20

/ TYPE: DNA

/ ORGANISM: artificial

/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-180

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412
|||||
DB 20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 746

US-10-671-395-181/c

/ Sequence 181, Application US/10671395

/ Publication No. US20040132063A1
/ GENERAL INFORMATION:

/ APPLICANT: Glaxo, James K

/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ FILE REFERENCE: 1179/1/US

/ CURRENT APPLICATION NUMBER: US/10/671,395

/ CURRENT FILING DATE: 2003-09-25

/ PRIOR APPLICATION NUMBER: 60/413,549

/ PRIOR FILING DATE: 2002-09-25

/ NUMBER OF SEQ ID NOS: 1809

/ SOFTWARE: Patent version 3.2

/ SEQ ID NO 181

/ LENGTH: 20

/ TYPE: DNA

/ ORGANISM: artificial

/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-181

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412
|||||
DB 20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 747

US-10-671-395-182/c

/ Sequence 182, Application US/10671395

/ Publication No. US20040132063A1
/ GENERAL INFORMATION:

/ APPLICANT: Glaxo, James K

/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ FILE REFERENCE: 1179/1/US

/ CURRENT APPLICATION NUMBER: US/10/671,395

/ CURRENT FILING DATE: 2003-09-25

/ PRIOR APPLICATION NUMBER: 60/413,549

/ PRIOR FILING DATE: 2002-09-25

/ NUMBER OF SEQ ID NOS: 1809

/ SOFTWARE: Patent version 3.2

/ SEQ ID NO 182

/ LENGTH: 20

/ TYPE: DNA

/ ORGANISM: artificial

/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-182

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412
|||||
DB 20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 748

US-10-671-395-183/c

/ Sequence 183, Application US/10671395

/ Publication No. US20040132063A1
/ GENERAL INFORMATION:

/ APPLICANT: Glaxo, James K

/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ FILE REFERENCE: 1179/1/US

/ CURRENT APPLICATION NUMBER: US/10/671,395

/ CURRENT FILING DATE: 2003-09-25

/ PRIOR APPLICATION NUMBER: 60/413,549

/ PRIOR FILING DATE: 2002-09-25

/ NUMBER OF SEQ ID NOS: 1809

/ SOFTWARE: Patent version 3.2

/ SEQ ID NO 183

/ LENGTH: 20

/ TYPE: DNA

/ ORGANISM: artificial

/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-183

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412
|||||
DB 20 AAAAAAAAAAAAAAAAAAAAA 1

```
RESULT 749
US-10-671-395-184/c
; Sequence 184, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 184
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-184
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATACAAAGAA 5412
DB      20 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 750
US-10-671-395-185/c
; Sequence 185, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 185
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-185
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATACAAAGAA 5412
DB      20 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 751
US-10-671-395-186/c
; Sequence 186, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 186
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-186
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATACAAAGAA 5412
DB      20 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 752
US-10-671-395-187/c
; Sequence 187, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 187
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-187
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATACAAAGAA 5412
DB      20 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 753
US-10-671-395-188/c
; Sequence 188, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
```

```

; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 188
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-188

```

```

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

QY      5393 AAAAAATACAAAAAGAAA 5412
DB      20 AAAAAAAAAAAAAAAAAAAAAA 1

```

```

RESULT 754
US-10-671-395-189/c
; Sequence 189, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 189
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-189

```

```

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

QY      5393 AAAAAATACAAAAAGAAA 5412
DB      20 AAAAAAAAAAAAAAAAAAAAAA 1

```

```

RESULT 755
US-10-671-395-190/c
; Sequence 190, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 190
; LENGTH: 20
; TYPE: DNA

```

```

; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-190

```

```

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

QY      5393 AAAAAATACAAAAAGAAA 5412
DB      20 AAAAAAAAAAAAAAAAAAAAAA 1

```

```

RESULT 756
US-10-671-395-191/c
; Sequence 191, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 191
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-191

```

```

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

QY      5393 AAAAAATACAAAAAGAAA 5412
DB      20 AAAAAAAAAAAAAAAAAAAAAA 1

```

```

RESULT 757
US-10-671-395-192/c
; Sequence 192, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 192
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-192

```

```

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;

```

	Matches	17; Conservative	0; Mismatches	3; Indels	0; Gaps
Qy	5393	AAAAAAAAATACAAAAAAGAA	5412		
Db	20	AAAAAAAAAAAAAAAAAAAAA	1		

```

RESULT 758
US-10-671-395-193/c
/ Sequence 193, Application US/10671395
/ Publication No. US20040132063A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corp.
/ APPLICANT: Gleeson, James K.
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ TITLE OF INVENTION: EXPRESSION
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671,395
/ CURRENT FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ PRIOR FILING DATE: 2002-09-25
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: Patentin version 3.2
/ SEQ ID NO 193
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisense
/ US-10-671-395-193

```

Query Match	0.3%	Score 15.2;	DB 1;	Length 20;
Best Local Similarity	85.0%	Pred. No. 7.2e+02;		
Matches 17; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;
Qy	5393	AAAAAAAAATCAAAAAAAAAA	5412	
Db	20	AAAAAAAAAAAAAAAAAAAA	1	

```

RESULT 759
US-10-671-395-194/c
: Sequence 194, Application US/10671395
: Publication No. US20040132063A1
: GENERAL INFORMATION:
: APPLICANT: Pharmacia Corp.
: APPLICANT: Gierse, James K.
: TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
: TITLE OF INVENTION: EXPRESSION
: FILE REFERENCE: 1179/1/US
: CURRENT APPLICATION NUMBER: US/10/671,395
: CURRENT FILING DATE: 2003-09-25
: PRIOR APPLICATION NUMBER: 60/413,549
: PRIOR FILING DATE: 2002-09-25
: NUMBER OF SEQ ID NOS: 1809
: SOFTWARE: Patentin version 3.2
: SEQ ID NO 194
: LENGTH: 20
: TYPE: DNA
: ORGANISM: artificial
: FEATURE:
: OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-194

```

Query Match	0.3%	Score 15.2	DB 1	Length 20
Best Local Similarity	85.0%	Pred. No. 7.2e+02		
Matches 17, Conservative	0	Mismatches 3	Indels 0	Gaps 0

QY	5393	AAAAAAAAATACAAAAAAGAAA	5412
Db	20	AAAAAAAAAAAAAAAAAAAAA	1

RESULT 760
US-10-671-395-195/c
; Sequence 195, Application US/10671395
; Publication No. US20040132063A1
GENERAL INFORMATION:
; ~~1007040000~~ Pharmacol. Class.

```

: TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
:
: TITLE OF INVENTION: EXPRESSION
:
: FILE REFERENCE: 1179/1/US
:
: CURRENT APPLICATION NUMBER: US/10/671,395
:
: CURRENT FILING DATE: 2003-09-25
:
: PRIOR APPLICATION NUMBER: 60/413,549
:
: PRIOR FILING DATE: 2002-09-25
:
: NUMBER OF SEQ ID NOS: 1809
:
: SOFTWARE: PatentIn version 3.2
:
: SEQ ID NO 195
:
: LENGTH: 20
:
: TYPE: DNA
:
: ORGANISM: artificial
:
: FEATURE:
:
: OTHER INFORMATION: Human PGE2 antisense
:
US-10-671-395-195

```

Query Match	0.34;	Score 15.2;	DB 1;	length 20;
Best Local Similarity	85.04;	Pred. No. 7.2e+02;		
Matches 17; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;

```

QY      5393 AAAAAAAAAATCAAAAAAAAAAGAAA 5412
          ||||| | ||||| |||
Db      20 AAAAAAAAAAAAAAAAAAAAAA 1

```

```

1 RESULT 761
2 US-10-671-395-196/c
3 : Sequence 196, Application US/10671395
4 : Publication No. US20040132063A1
5 :
6 : GENERAL INFORMATION:
7 :
8 : APPLICANT: Pharmacia Corp.
9 :
10 : APPLICANT: Glezer, James K.
11 :
12 : TITLE OF INVENTION: EXPRESSION
13 : MODULATION OF MICROSMAL PROSTAGLANDIN E2 SYNTHASE
14 :
15 : TITLE OF INVENTION: EXPRESSION
16 :
17 : FILE REFERENCE: 1179/1/US
18 :
19 : CURRENT APPLICATION NUMBER: US/10/671,395
20 :
21 : CURRENT FILING DATE: 2003-09-25
22 :
23 : PRIOR APPLICATION NUMBER: 60/413,549
24 :
25 : PRIOR FILING DATE: 2002-09-25
26 :
27 : NUMBER OF SEQ ID NOS: 1809
28 :
29 : SOFTWARE: PatentIn version 3.2
30 :
31 : SEQ ID NO 196
32 :
33 : LENGTH: 20
34 :
35 : TYPE: DNA
36 :
37 : ORGANISM: artificial
38 :
39 : FEATURE:
40 :
41 : OTHER INFORMATION: Human PGE2 antisense
42 :
43 : US-10-671-395-196

```

Query Match	0.3%	Score 15.2;	DB 1;	Length 20;
Best Local Similarity	85.0%	Pred. No. 7.2e+02;		
Matches 17; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;

```

QY      5393 AAAAAAAAAATCAAAAAAAAAAGAAA 5412
          ||||| | | | | | | | | |
Db      20 AAAAAAAAAAAAAAAAAAAAAA 1

```

RESULT 762
US-10-671-395-197/c
; Sequence 197, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K

```
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671,395
/ PRIOR FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: Patentin version 3.2
/ SEQ ID NO 197
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisease
US-10-671-395-197

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAAA 5412
DB      20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 763
US-10-671-395-198/c
/ Sequence 198, Application US/10671395
/ Publication No. US20040132063A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corp.
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671,395
/ PRIOR FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: Patentin version 3.2
/ SEQ ID NO 198
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisease
US-10-671-395-198

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAAA 5412
DB      20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 764
US-10-671-395-199/c
/ Sequence 199, Application US/10671395
/ Publication No. US20040132063A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corp.
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671,395
/ PRIOR FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: Patentin version 3.2
/ SEQ ID NO 199
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisease
US-10-671-395-199
```

```
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: Patentin version 3.2
/ SEQ ID NO 199
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisease
US-10-671-395-199

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAAA 5412
DB      20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 765
US-10-671-395-200/c
/ Sequence 200, Application US/10671395
/ Publication No. US20040132063A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corp.
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671,395
/ PRIOR FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: Patentin version 3.2
/ SEQ ID NO 200
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisease
US-10-671-395-200

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAAA 5412
DB      20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 766
US-10-671-395-201/c
/ Sequence 201, Application US/10671395
/ Publication No. US20040132063A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corp.
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671,395
/ PRIOR FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: Patentin version 3.2
/ SEQ ID NO 201
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisease
US-10-671-395-201
```



```
/ Sequence 206, Application US/10671395
/ Publication No. US20040132063A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corp.
/ APPLICANT: Gierse, James K
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671,395
/ CURRENT FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ PRIOR FILING DATE: 2002-09-25
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 206
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-206

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAAA 5412
DB      20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 772
US-10-671-395-207/c
/ Sequence 207, Application US/10671395
/ Publication No. US20040132063A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corp.
/ APPLICANT: Gierse, James K
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671,395
/ CURRENT FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ PRIOR FILING DATE: 2002-09-25
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 207
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-207

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAAA 5412
DB      20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 773
US-10-671-395-208/c
/ Sequence 208, Application US/10671395
/ Publication No. US20040132063A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corp.
/ APPLICANT: Gierse, James K
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671,395
/ CURRENT FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ PRIOR FILING DATE: 2002-09-25
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: PatentIn version 3.2
```

```
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671,395
/ CURRENT FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ PRIOR FILING DATE: 2002-09-25
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 208
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-208

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAAA 5412
DB      20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 774
US-10-671-395-262/c
/ Sequence 262, Application US/10671395
/ Publication No. US20040132063A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corp.
/ APPLICANT: Gierse, James K
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671,395
/ CURRENT FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ PRIOR FILING DATE: 2002-09-25
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 262
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-262

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAAA 5412
DB      20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 775
US-10-671-395-274/c
/ Sequence 274, Application US/10671395
/ Publication No. US20040132063A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corp.
/ APPLICANT: Gierse, James K
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671,395
/ CURRENT FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ PRIOR FILING DATE: 2002-09-25
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: PatentIn version 3.2
```

```
; SEQ ID NO 274
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-274
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACCAAAAAGAAA 5412
      ||||| ||||| ||||| |||||
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 776
US-10-671-395-275/c
; Sequence 275, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 275
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-275
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACCAAAAAGAAA 5412
      ||||| ||||| ||||| |||||
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 777
US-10-671-395-276/c
; Sequence 276, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 276
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-276
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACCAAAAAGAAA 5412
      ||||| ||||| ||||| |||||
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 778
US-10-671-395-277/c
; Sequence 277, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 277
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-277
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACCAAAAAGAAA 5412
      ||||| ||||| ||||| |||||
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 779
US-10-671-395-311/c
; Sequence 311, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 311
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-311
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACCAAAAAGAAA 5412
      ||||| ||||| ||||| |||||
```

Db 20 AAAAAAAAAAAAAAAAAA 1

RESULT 780
US-10-671-395-338/c
; Sequence 338, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 338
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-338

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAGAAA 5412
Db 20 AAAAAAAAAAAAAAAAAA 1

RESULT 781
US-10-671-395-376/c
; Sequence 376, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 376
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-376

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAGAAA 5412
Db 20 AAAAAAAAAAAAAAAAAA 1

RESULT 782
US-10-671-395-403/c
; Sequence 403, Application US/10671395
; Publication No. US20040132063A1

; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 403
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-403

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAGAAA 5412
Db 20 AAAAAAAAAAAAAAAAAA 1

RESULT 783
US-10-671-395-427/c
; Sequence 427, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 427
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-427

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAGAAA 5412
Db 20 AAAAAAAAAAAAAAAAAA 1

RESULT 784
US-10-671-395-433/c
; Sequence 433, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395

```

; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 433
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-433

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5402 CAAAAAATACAAAAAGAAA 5421
DB 20 CAAAAAATACAAAAAGAAA 1

RESULT 785
US-10-671-395-444/C
; Sequence 444, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 444
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-444

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAAA 5412
DB 20 AAAAAAATACAAAAAGAAA 1

RESULT 786
US-10-671-395-487/C
; Sequence 487, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 487
; LENGTH: 20

; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-487

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAAA 5412
DB 20 AAAAAAATACAAAAAGAAA 1

RESULT 787
US-10-671-395-575/C
; Sequence 575, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 575
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-575

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAAA 5412
DB 20 AAAAAAATACAAAAAGAAA 1

RESULT 788
US-10-671-395-814
; Sequence 814, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 814
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-814

Query Match          0.3%; Score 15.2; DB 1; Length 20;
```

Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 313 CCTGTGGGCTCTCCCTCCC 332

DB 1 CCTGTGGGCTCTCCCTCCC 20

RESULT 789

US-10-671-395-1412/c
Sequence 1412, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Glaxo, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN H2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1412
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisease
US-10-671-395-1412

Query Match 0.3%; Score 15.2; DB 1; Length 20;

Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1901 CCACAGCTCTGCAGACCTC 1920

DB 20 CCATGCTCTGCAGATCTC 1

RESULT 790

US-10-666-909-54
Sequence 54, Application US/10666909
Publication No. US20040137623A1
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Kathleen Myers
APPLICANT: Joshua Finger
TITLE OF INVENTION: DELIVERY OF OLIGONUCLEOTIDE COMPOUNDS INTO OSTEOCLASTS AND MODULA
FILE REFERENCE: 23546-07993/RISP-0313US.PI
CURRENT APPLICATION NUMBER: US/10/666,909
CURRENT FILING DATE: 2003-09-17
PRIOR APPLICATION NUMBER: 10/111,868
PRIOR FILING DATE: 2002-08-06
PRIOR APPLICATION NUMBER: PCT/US00/29828
PRIOR FILING DATE: 2000-10-30
PRIOR APPLICATION NUMBER: 09/435,296
PRIOR FILING DATE: 1999-11-05
NUMBER OF SEQ ID NOS: 110
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 54
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisease oligonucleotide
US-10-666-909-54

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 905 GCACCCAGGGCTCAGAGAGA 924

DB 1 GCACCCAGGGCTCAGAGAGA 20

RESULT 791

US-10-773-951-85
Sequence 85, Application US/10773951
Publication No. US20040157255A1
GENERAL INFORMATION:
APPLICANT: Agus, David
APPLICANT: Shak, Steven
APPLICANT: Cronin, Maureen
APPLICANT: Baker, Joffe
TITLE OF INVENTION: Gene Expression Markers for Response to
FILE REFERENCE: 39740/0009
CURRENT APPLICATION NUMBER: US/10/773,951
CURRENT FILING DATE: 2004-02-06
PRIOR APPLICATION NUMBER: 60/445,968
PRIOR FILING DATE: 2003-02-06
NUMBER OF SEQ ID NOS: 108
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 85
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: forward primer
US-10-773-951-85

Query Match 0.3%; Score 15.2; DB 1; Length 20;

Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 567 CCTGAAGAAGAGAGAGCTGA 586

DB 1 CCTGAACATGAAGAGCTGA 20

RESULT 792

US-10-661-088-12
Sequence 12, Application US/10661088
Publication No. US20040162253A1
GENERAL INFORMATION:
APPLICANT: VAILLANT, ANDREW
APPLICANT: JUTEAU, JEAN-MARC
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
FILE REFERENCE: 029849/0206
CURRENT APPLICATION NUMBER: US/10/661,088
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PatentIn Ver. 3.2
SEQ ID NO 12
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-661-088-12

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAAA 5412
|||||
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 793

US-10-661-088-15/c
; Sequence 15, Application US/10661088
; Publication No. US20040162253A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
; FILE REFERENCE: 029849/0206
; CURRENT APPLICATION NUMBER: US/10/661,088
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-661-088-15

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAAA 5412
|||||
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 794

US-10-661-097-12
; Sequence 12, Application US/10661097
; Publication No. US20040162254A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
; FILE REFERENCE: 029849/0204
; CURRENT APPLICATION NUMBER: US/10/661,097
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-661-097-12

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAAA 5412
|||||
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 795

US-10-661-097-15/c
; Sequence 15, Application US/10661097
; Publication No. US20040162254A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
; FILE REFERENCE: 029849/0204
; CURRENT APPLICATION NUMBER: US/10/661,097
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-661-097-15

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAAA 5412
|||||
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 796

US-10-661-355-12
; Sequence 12, Application US/10661355
; Publication No. US20040170959A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES
; FILE REFERENCE: 029849/0208
; CURRENT APPLICATION NUMBER: US/10/661,355
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-661-355-12

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 5393 AAAAAAAAAACAAAAAGAAA 5412
DB 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 797

US-10-661-355-15/C
; Sequence 15, Application US/10661355
; Publication No. US20040170959A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES
; FILE REFERENCE: 029849/0208
; CURRENT APPLICATION NUMBER: US/10/661,355
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-661-355-15

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAA 5412
DB 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 798

US-10-661-099-12
; Sequence 12, Application US/10661099
; Publication No. US20040171568A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HIV
; FILE REFERENCE: 029849/0203
; CURRENT APPLICATION NUMBER: US/10/661,099
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-661-099-12

Query Match 0.3%; Score 15.2; DB 1; Length 20;

Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAA 5412
DB 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 799

US-10-661-099-15/C
; Sequence 15, Application US/10661099
; Publication No. US20040171568A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HIV
; FILE REFERENCE: 029849/0203
; CURRENT APPLICATION NUMBER: US/10/661,099
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-661-099-15

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAA 5412
DB 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 800

US-09-853-386-148
; Sequence 148, Application US/09853386
; Patent No. US20020049151A1
; GENERAL INFORMATION:
; APPLICANT: Murphy, Evelyn
; APPLICANT: Bresnahan, Barry
; APPLICANT: Conneely, Orla
; APPLICANT: Fitzgerald, Oliver
; TITLE OF INVENTION: Therapeutic Approaches to Diseases by Suppression of the NHR
; FILE REFERENCE: P01972U51
; CURRENT APPLICATION NUMBER: US/09/853,386
; CURRENT FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/203645
; PRIOR FILING DATE: 2000-05-12
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 148
; LENGTH: 21
; TYPE: DNA
; ORGANISM: HUMAN
US-09-853-386-148

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```
QY 326 CCTCCCTGCGCTTTTCCTA 345
|||
DB 2 CCTGCCTGCGCTTTTCCTA 21

RESULT 801
US-09-862-847-9/c
; Sequence 9, Application US/09862847
; Patent No. US20020177230A1
; GENERAL INFORMATION:
; APPLICANT: Baric, Ralph S.
; APPLICANT: Boyd, Yount
; TITLE OF INVENTION: DIRECTION ASSEMBLY OF LARGE VIRAL GENOMES AND CHROMOSOMES
; FILE REFERENCE: 5470.270
; CURRENT APPLICATION NUMBER: US/09/862,847
; CURRENT FILING DATE: 2001-05-21
; PRIOR FILING DATE: 2000-05-21
; PRIOR APPLICATION NUMBER: US 60/206,537
; PRIOR FILING DATE: 2001-04-20
; PRIOR APPLICATION NUMBER: US 60/285,320
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide primer.
US-09-862-847-9

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2771 AGCTTAGTGCGACTTC 2790
|||
DB 20 AGTCTAGTGCGACATTC 1

RESULT 802
US-09-766-450-58
; Sequence 58, Application US/09766450
; Publication No. US20030022166A1
; GENERAL INFORMATION:
; APPLICANT: Collins, Colin
; APPLICANT: Volik, Stanislav
; APPLICANT: Gray, Joe W.
; APPLICANT: Albertson, Donna G.
; APPLICANT: Pinkel, Daniel
; TITLE OF INVENTION: The Regents of the University of California
; TITLE OF INVENTION: Repeat-Free Probes for Molecular
; FILE REFERENCE: 023071-111800US
; CURRENT APPLICATION NUMBER: US/09/766,450
; CURRENT FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 112
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 58
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer 733241.3.r1
US-09-766-450-58

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2567 GGGAGAGAGATGGAGAAC 2586
|||
DB 1 GGGAGAGAGAAAAGAGAAC 20

RESULT 803
US-09-997-672-41/c
; Sequence 41, Application US/0997672
; Publication No. US20030061632A1
; GENERAL INFORMATION:
; APPLICANT: Weterings, Koen
; APPLICANT: Apuya, Nestor R.
; APPLICANT: Tatarinova, Tatiana
; APPLICANT: Goldberg, Robert B.
; APPLICANT: The Regents of the University of California
; APPLICANT: Ceres, Inc.
; TITLE OF INVENTION: Polynucleotides Useful for Modulating Transcription
; FILE REFERENCE: 023070-115810US
; CURRENT APPLICATION NUMBER: US/09/997,672
; CURRENT FILING DATE: 2001-11-28
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: US 60/253,672
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 41
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: dT-20dN
; NAME/KEY: modified_base
; LOCATION: (21)
; OTHER INFORMATION: n = G, C, A or T
US-09-997-672-41

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAGAAA 5412
|||
DB 20 AAAAAAAAAAAAAAAAAA 1

RESULT 804
US-09-792-686A-7
; Sequence 7, Application US/09792686A
; Publication No. US20030068645A1
; GENERAL INFORMATION:
; APPLICANT: Goronzy, Jorg J.
; APPLICANT: Kopecky, Stephen L.
; APPLICANT: Weyand, Cornelia M.
; TITLE OF INVENTION: METHODS AND MATERIALS FOR EVALUATING
; TITLE OF INVENTION: CARDIOVASCULAR CONDITIONS
; FILE REFERENCE: 07039-250001
; CURRENT APPLICATION NUMBER: US/09/792,686A
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-792-686A-7

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4010 CTGCGACCTCCCTCATT 4029
|||
DB 1 CTGCGACCTCCCTCCATT 20

RESULT 805
US-09-754-809-4
; Sequence 4, Application US/09754809
```

```
QY 2567 GGGAGAGAGATGGAGAAC 2586
|||
DB 1 GGGAGAGAGAAAAGAGAAC 20

RESULT 805
US-09-754-809-4
; Sequence 4, Application US/09754809
```


Publication No. US20030105307A1
GENERAL INFORMATION:
APPLICANT: SAMPSON, JACQUELYN S.
APPLICANT: RUSSELL, HAROLD
APPLICANT: THARPE, JEAN A.
APPLICANT: ADES, EDWIN W.
APPLICANT: CARLONE, GEORGE M.
TITLE OF INVENTION: STREPTOCOCCUS PNEUMONIAE 37 KDa SURFACE
FILE REFERENCE: 64778 US
CURRENT APPLICATION NUMBER: US/09/754,809
CURRENT FILING DATE: 2001-01-03
PRIOR APPLICATION NUMBER: US/09/221,753
PRIOR FILING DATE: 1998-12-28
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 07/791,377
PRIOR FILING DATE: EARLIER FILING DATE: 1991-09-17
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 07/816,286
PRIOR FILING DATE: EARLIER FILING DATE: 1992-01-03
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 08/222,179
PRIOR FILING DATE: EARLIER FILING DATE: 1994-04-04
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 08/715,131
PRIOR FILING DATE: EARLIER FILING DATE: 1996-09-17
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 4
LENGTH: 21
TYPE: DNA
ORGANISM: UNKNOWN
FEATURE:
OTHER INFORMATION: PRIMER
US-09-754-809-4

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1463 TCAGAGCTTATTGGCCCA 1482
DB 1 TCAGAGCTTATTGGCCAA 20

RESULT 806
US-10-096-221-4
Sequence 4, Application US/10096221
Publication No. US2002016428A1
GENERAL INFORMATION:
APPLICANT: Kurn, Nurith
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
FILE REFERENCE: 492692000700
CURRENT APPLICATION NUMBER: US/10/096,221
CURRENT FILING DATE: 2002-06-27
PRIOR APPLICATION NUMBER: US 60/274,236
PRIOR FILING DATE: 2001-03-09
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 4
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
NAME/KEY: misc_feature
LOCATION: 1
OTHER INFORMATION: n = A,T,C or G
US-10-096-221-4

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 5393 AAAAAATCAAAAAAGAA 5412

Db 2 AAAAAAAAAAAAAAAAAA 21

RESULT 807
US-10-023-066A-25
Sequence 25, Application US/10023066A
Publication No. US20030056242A1
GENERAL INFORMATION:
APPLICANT: E. I. DU PONT DE NEMOURS AND
COMPANY
TITLE OF INVENTION: CHIMERIC GENES AND METHODS FOR
INCREASING THE LYSINE AND
THREONINE CONTENT OF THE SEEDS OF
PLANTS
NUMBER OF SEQUENCES: 107
CORRESPONDENCE ADDRESS:
ADDRESSEE: E. I. DU PONT DE NEMOURS
AND COMPANY
STREET: 1007 MARKET STREET
CITY: WILMINGTON
STATE: DELAWARE
COUNTRY: U.S.A.
ZIP: 19898
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: MICROSOFT WORD VERSION 2.0C
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/023,066A
FILING DATE: 29-Apr-2002
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: BARBARA C. SIEGELL
REGISTRATION NUMBER: 30,684
REFERENCE/DOCKET NUMBER: BB-1037-C
TELECOMMUNICATION INFORMATION:
TELEPHONE: 302-992-4931
TELEFAX: 302-773-0164
TELEX: 835420
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: misc feature
LOCATION: 1..21
OTHER INFORMATION: /product= "synthetic
oligonucleotide"
/standard_name= "SM
82"
SEQUENCE DESCRIPTION: SEQ ID NO: 25:
US-10-023-066A-25

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 570 GAAGAAGAGAGCTGAAG 589
DB 1 GATGAGAGAGAGCTGAAG 20

RESULT 808
US-10-100-321-23
Sequence 23, Application US/10100321
Publication No. US20030087251A1
GENERAL INFORMATION:
APPLICANT: Kurn, Nurith

```

; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES
; FILE REFERENCE: 49262000500
; CURRENT APPLICATION NUMBER: US/10/100,321
; CURRENT FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/274,550
; PRIOR FILING DATE: 2001-03-09
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO: 23
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1
; OTHER INFORMATION: n = A,T,C or G
US-10-100-321-23
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy      5393 AAAAAAAAAACAAAAAAGAA 5412
          ||||| ||||| ||||| |||||
Db      2 AAAAAAAAAAAAAAAAAAAAAA 21
```

```

RESULT 809
US-10-005-956-785
; Sequence 785, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: Patentin version 3.0
; SEQ ID NO: 785
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-956-785
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy      4610 TGCTGAGCCAGAGACGTAC 4629
          ||||| ||||| ||||| |||||
Db      2 TGCTGAGACAGAGACAGTCC 21
```

```

RESULT 810
US-10-005-956-786
; Sequence 786, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
```

```

; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: Patentin version 3.0
; SEQ ID NO: 786
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-956-786
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy      4610 TGCTGAGCCAGAGACGTAC 4629
          ||||| ||||| ||||| |||||
Db      2 TGCTGAGACAGAGACAGTCC 21
```

```

RESULT 811
US-10-005-956-1026
; Sequence 1026, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: Patentin version 3.0
; SEQ ID NO: 1026
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-005-956-1026
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy      4610 TGCTGAGCCAGAGACGTAC 4629
          ||||| ||||| ||||| |||||
Db      2 TGCTGAGACAGAGACAGTCC 21
```

```

RESULT 812
US-10-184-085A-122
; Sequence 122, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
```

/ SEQ ID NO 122
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-184-085A-122

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 841 TCTCCAGCCACCACTTC 860
DB 1 TCTCCAGCCCACTTAATC 20

RESULT 813
US-10-184-085A-176/c
/ Sequence 176, Application US/10184085A
/ Publication No. US20030152950A1
/ GENERAL INFORMATION:

/ APPLICANT: Garner, Harold R.
/ APPLICANT: Minna, John D.
/ APPLICANT: Luebke, Kevin, J.
/ APPLICANT: Balog, Robert P.
/ TITLE OF INVENTION: Identification of Chemically Modified Polymers
/ FILE REFERENCE: 119929-1035
/ CURRENT APPLICATION NUMBER: US/10/184,085A
/ PRIOR FILING DATE: 2002-10-01
/ PRIOR APPLICATION NUMBER: US 60/301,370
/ PRIOR FILING DATE: 2001-06-27
/ NUMBER OF SEQ ID NOS: 1291
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 176
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-184-085A-176

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2432 TGAGAGTGAAGGAGGAGA 2451
DB 20 TGATGATGAGAGGAGGAGA 1

RESULT 814
US-10-455-109-4
/ Sequence 4, Application US/10455109
/ Publication No. US20030204074A1
/ GENERAL INFORMATION:
/ APPLICANT: SAMPPSON, JACQUELYN S.
/ APPLICANT: RUSSELL, HAROLD
/ APPLICANT: THARPE, JEAN A.
/ APPLICANT: ADES, EDWIN W.
/ APPLICANT: CARLONE, GEORGE M.
/ TITLE OF INVENTION: STREPTOCOCCUS PNEUMONIAE 37 kDa SURFACE
/ FILE REFERENCE: 64778 US
/ CURRENT APPLICATION NUMBER: US/10/455,109
/ PRIOR FILING DATE: 2003-06-04
/ PRIOR APPLICATION NUMBER: US/09/221,753
/ PRIOR FILING DATE: 1998-12-28
/ PRIOR APPLICATION NUMBER: US 07/791,377
/ PRIOR FILING DATE: 1991-09-17
/ PRIOR APPLICATION NUMBER: US 07/816,286
/ PRIOR FILING DATE: 1992-01-03
/ PRIOR APPLICATION NUMBER: US 08/222,179
/ PRIOR FILING DATE: 1994-04-04
/ PRIOR APPLICATION NUMBER: US 08/715,131
/ PRIOR FILING DATE: 1996-09-17
/ NUMBER OF SEQ ID NOS: 4

/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 4
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: UNKNOWN
/ FEATURE:
/ OTHER INFORMATION: PRIMER
US-10-455-109-4

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1463 TCAGAGCTTATTTGGCCCA 1482
DB 1 TCAGAGCTTATTTGCCCA 20

RESULT 815
US-10-418-182-122
/ Sequence 122, Application US/10418182
/ Publication No. US20030228302A1
/ GENERAL INFORMATION:

/ APPLICANT: Crea, Roberto
/ TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
/ FILE REFERENCE: 1551.2001-001
/ CURRENT APPLICATION NUMBER: US/10/418,182
/ PRIOR FILING DATE: 2003-04-16
/ PRIOR APPLICATION NUMBER: 60/373,558
/ PRIOR FILING DATE: 2002-04-17
/ NUMBER OF SEQ ID NOS: 423
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 122
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: oligonucleotide
US-10-418-182-122

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5395 AAAAATCAAAAAGAAAAA 5414
DB 1 AAAAAGAAAAAGAAAAA 20

RESULT 816
US-10-349-143-10092/c
/ Sequence 10092, Application US/10349143
/ Publication No. US20040005584A1
/ GENERAL INFORMATION:
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSET.020CPI
/ CURRENT APPLICATION NUMBER: US/10/349,143
/ PRIOR FILING DATE: 2003-01-21
/ PRIOR APPLICATION NUMBER: US/09/422,978
/ PRIOR FILING DATE: 1999-10-20
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
/ PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 10092
/ LENGTH: 21
/ TYPE: DNA

```

; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-9424 for SEQ 2227, in compleme
US-10-349-143-10092
```

```

Query Match      0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      2481 GGAAAAAGCGTAGAAGCAT 2500
Db      20  GGAAAAAGCGTAGAAGCAT 1
```

```

RESULT 817
US-10-410-031-188/C
; Sequence 188, Application US/10410031
; Publication No. US20040010817A1
; GENERAL INFORMATION:
; APPLICANT: Shockey, Jay M.
; APPLICANT: Schnurr, Judy
; APPLICANT: Schnurr, John A.
; TITLE OF INVENTION: Plant Acyl-CoA Synthetases
; FILE REFERENCE: DOW-07654
; CURRENT APPLICATION NUMBER: US/10/410,031
; CURRENT FILING DATE: 2003-04-09
; NUMBER OF SEQ ID NOS: 191
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 188
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-410-031-188
```

```

Query Match      0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATTCAAAAAAGAAA 5412
Db      20  AAAAAAATTCAAAAAAGAAA 1
```

```

RESULT 818
US-10-410-031-190/C
; Sequence 190, Application US/10410031
; Publication No. US20040010817A1
; GENERAL INFORMATION:
; APPLICANT: Shockey, Jay M.
; APPLICANT: Schnurr, Judy
; APPLICANT: Schnurr, John A.
; TITLE OF INVENTION: Plant Acyl-CoA Synthetases
; FILE REFERENCE: DOW-07654
; CURRENT APPLICATION NUMBER: US/10/410,031
; CURRENT FILING DATE: 2003-04-09
; NUMBER OF SEQ ID NOS: 191
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 190
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-410-031-190
```

```

Query Match      0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATTCAAAAAAGAAA 5412
Db      20  AAAAAAATTCAAAAAAGAAA 1
```

```

RESULT 819
US-10-236-392-523
; Sequence 523, Application US/10236392
; Publication No. US20040067490A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, David W
; APPLICANT: Boldog, Ferenc L
; APPLICANT: Burgess, Catherine, E
; APPLICANT: Caeman, Stacie J
; APPLICANT: Catberton, Elina
; APPLICANT: Chapoval, Andrei
; APPLICANT: Crabtree, Julie
; APPLICANT: Edinger, Shlomit, R
; APPLICANT: Ellerman, Karen
; APPLICANT: Gerlach, Valerie
; APPLICANT: Gorman, Linda
; APPLICANT: Grosse, William M
; APPLICANT: Gusev, Vladimir
; APPLICANT: Kerkuda, Rameesh
; APPLICANT: Larocheille, William J
; APPLICANT: Li, Li
; APPLICANT: MacDougall, John R
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Miller, Charles B
; APPLICANT: Millet, Isabelle
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Paturajan, Meera
; APPLICANT: Pena, Carol A
; APPLICANT: Peyman, John A
; APPLICANT: Rastelli, Luca
; APPLICANT: Reiger, Daniel K
; APPLICANT: Rothenberg, Mark B
; APPLICANT: Shenoy, Suresh
; APPLICANT: Shinkets, Richard A
; APPLICANT: Smithson, Glenda
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-442A
; CURRENT APPLICATION NUMBER: US/10/236,392
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US09/540,763
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: US60/390,155
; PRIOR FILING DATE: 2002-06-19
; PRIOR APPLICATION NUMBER: US09/635,949
; PRIOR FILING DATE: 2000-08-10
; PRIOR APPLICATION NUMBER: US60/318,765
; PRIOR FILING DATE: 2001-09-12
; PRIOR APPLICATION NUMBER: US60/357,303
; PRIOR FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: US60/367,753
; PRIOR FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER: US60/369,479
; PRIOR FILING DATE: 2002-04-02
; PRIOR APPLICATION NUMBER: US09/659,634
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: US60/318,120
; PRIOR FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: US60/318,130
; PRIOR FILING DATE: 2001-09-07
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 794
; SOFTWARE: Custom
; SEQ ID NO 523
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: probe
```

US-10-236-392-523

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 943 CCTGACACATCTGACGCCG 962

DB 2 CCTGGCACACCTGACGACG 21

RESULT 820

US-10-236-392-553

Sequence 553, Application US/10236392
Publication No. US20040067490A1

GENERAL INFORMATION:

APPLICANT: Anderson, David W
APPLICANT: Boldog, Ferenc L
APPLICANT: Burgess, Catherine, B
APPLICANT: Casman, Stacie J
APPLICANT: Caterton, Elina
APPLICANT: Chapoval, Andrei
APPLICANT: Cradtsee, Julie
APPLICANT: Edinger, Shlomit, R
APPLICANT: Ellerman, Karen
APPLICANT: Gerlach, Valerie
APPLICANT: Gorman, Linda
APPLICANT: Grosse, William M
APPLICANT: Gusev, Vladimir
APPLICANT: Kekuda, Ramesh
APPLICANT: Larochele, William J
APPLICANT: Li, Li
APPLICANT: MacDougall, John R
APPLICANT: Malynker, Uriel M
APPLICANT: Miller, Charles B
APPLICANT: Millet, Isabelle
APPLICANT: Padigar, Muralidhara
APPLICANT: Paturajan, Meera
APPLICANT: Pena, Carol A
APPLICANT: Peyman, John A
APPLICANT: Rastelli, Luca
APPLICANT: Reiger, Daniel K
APPLICANT: Rothenberg, Mark B
APPLICANT: Shenoy, Suresh
APPLICANT: Shinkete, Richard A
APPLICANT: Smithson, Glenda
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 21402-442A
CURRENT APPLICATION NUMBER: US/10/236,392
CURRENT FILING DATE: 2002-09-06
PRIOR APPLICATION NUMBER: US09/540,763
PRIOR FILING DATE: 2000-03-30
PRIOR APPLICATION NUMBER: US60/390,155
PRIOR FILING DATE: 2002-06-19
PRIOR APPLICATION NUMBER: US09/635,949
PRIOR FILING DATE: 2000-08-10
PRIOR APPLICATION NUMBER: US60/318,765
PRIOR FILING DATE: 2001-09-12
PRIOR APPLICATION NUMBER: US60/357,303
PRIOR FILING DATE: 2002-02-15
PRIOR APPLICATION NUMBER: US60/367,753
PRIOR FILING DATE: 2002-03-25
PRIOR APPLICATION NUMBER: US60/369,479
PRIOR FILING DATE: 2002-04-02
PRIOR APPLICATION NUMBER: US09/659,634
PRIOR FILING DATE: 2000-09-12
PRIOR APPLICATION NUMBER: US60/318,120
PRIOR FILING DATE: 2001-09-07
PRIOR APPLICATION NUMBER: US60/318,130
PRIOR FILING DATE: 2001-09-07
Remaining Prior Application data removed - See file wrapper or PAM.
NUMBER OF SEQ ID NOS: 794
SOFTWARE: Custom

SEQ ID NO 553

LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: probe
US-10-236-392-553

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 943 CCTGACACATCTGACGCCG 962

DB 2 CCTGGCACACCTGACGACG 21

RESULT 821

US-10-236-392-649

Sequence 649, Application US/10236392
Publication No. US20040067490A1

GENERAL INFORMATION:

APPLICANT: Anderson, David W
APPLICANT: Boldog, Ferenc L
APPLICANT: Burgess, Catherine, B
APPLICANT: Casman, Stacie J
APPLICANT: Caterton, Elina
APPLICANT: Chapoval, Andrei
APPLICANT: Cradtsee, Julie
APPLICANT: Edinger, Shlomit, R
APPLICANT: Ellerman, Karen
APPLICANT: Gerlach, Valerie
APPLICANT: Gorman, Linda
APPLICANT: Grosse, William M
APPLICANT: Gusev, Vladimir
APPLICANT: Kekuda, Ramesh
APPLICANT: Larochele, William J
APPLICANT: Li, Li
APPLICANT: MacDougall, John R
APPLICANT: Malynker, Uriel M
APPLICANT: Miller, Charles B
APPLICANT: Millet, Isabelle
APPLICANT: Padigar, Muralidhara
APPLICANT: Paturajan, Meera
APPLICANT: Pena, Carol A
APPLICANT: Peyman, John A
APPLICANT: Rastelli, Luca
APPLICANT: Reiger, Daniel K
APPLICANT: Rothenberg, Mark B
APPLICANT: Shenoy, Suresh
APPLICANT: Shinkete, Richard A
APPLICANT: Smithson, Glenda
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 21402-442A
CURRENT APPLICATION NUMBER: US/10/236,392
CURRENT FILING DATE: 2002-09-06
PRIOR APPLICATION NUMBER: US09/540,763
PRIOR FILING DATE: 2000-03-30
PRIOR APPLICATION NUMBER: US60/390,155
PRIOR FILING DATE: 2002-06-19
PRIOR APPLICATION NUMBER: US09/635,949
PRIOR FILING DATE: 2000-08-10
PRIOR APPLICATION NUMBER: US60/318,765
PRIOR FILING DATE: 2001-09-12
PRIOR APPLICATION NUMBER: US60/357,303
PRIOR FILING DATE: 2002-02-15
PRIOR APPLICATION NUMBER: US60/367,753
PRIOR FILING DATE: 2002-03-25
PRIOR APPLICATION NUMBER: US60/369,479
PRIOR FILING DATE: 2002-04-02
PRIOR APPLICATION NUMBER: US09/659,634
PRIOR FILING DATE: 2000-09-12
PRIOR APPLICATION NUMBER: US60/318,120

```
/ PRIOR FILING DATE: 2001-09-07
/ PRIOR APPLICATION NUMBER: US60/318,130
/ PRIOR FILING DATE: 2001-09-07
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 794
/ SOFTWARE: Custom
/ SEQ ID NO: 649
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: probe
US-10-236-392-649

Query Match          0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy          943 CCTGACACATCTGAGCGCG 962
Db          2 CCTGGCACACCTGGACGACG 21

RESULT 822
US-10-236-392-673
/ Sequence 673, Application US/10236392
/ Publication No. US20040067490A1
/ GENERAL INFORMATION:
/ APPLICANT: Anderson, David W
/ APPLICANT: Boldog, Ferenc L
/ APPLICANT: Burgess, Catherine, B
/ APPLICANT: Casman, Stacie J
/ APPLICANT: Caterton, Elina
/ APPLICANT: Crabtree, Julie
/ APPLICANT: Edinger, Shlomit, R
/ APPLICANT: Ellerman, Karen
/ APPLICANT: Gerlach, Valerie
/ APPLICANT: Gorman, Linda
/ APPLICANT: Grosse, William M
/ APPLICANT: Gusev, Vladimir
/ APPLICANT: Kekuda, Ramesh
/ APPLICANT: Larocheille, William J
/ APPLICANT: Li, Li
/ APPLICANT: MacDougall, John R
/ APPLICANT: Malvankar, Uriel M
/ APPLICANT: Miller, Charles B
/ APPLICANT: Millet, Isabelle
/ APPLICANT: Padigaru, Muralidhara
/ APPLICANT: Patuajan, Weera
/ APPLICANT: Pena, Carol A
/ APPLICANT: Peyman, John A
/ APPLICANT: Rastelli, Luca
/ APPLICANT: Reiser, Daniel K
/ APPLICANT: Rothenberg, Mark B
/ APPLICANT: Shenoy, Suresh
/ APPLICANT: Shinkets, Richard A
/ APPLICANT: Smithson, Glenda
/ TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
/ FILE REFERENCE: 21402-442A
/ CURRENT APPLICATION NUMBER: US/10/236,392
/ CURRENT FILING DATE: 2002-09-06
/ PRIOR APPLICATION NUMBER: US09/540,763
/ PRIOR FILING DATE: 2000-03-30
/ PRIOR APPLICATION NUMBER: US60/390,155
/ PRIOR FILING DATE: 2002-06-19
/ PRIOR APPLICATION NUMBER: US09/635,949
/ PRIOR FILING DATE: 2000-08-10
/ PRIOR APPLICATION NUMBER: US60/318,765
/ PRIOR FILING DATE: 2001-09-12
/ PRIOR APPLICATION NUMBER: US60/357,303
/ PRIOR FILING DATE: 2002-02-15
/ PRIOR APPLICATION NUMBER: US60/367,753
```

```
/ PRIOR FILING DATE: 2002-03-25
/ PRIOR APPLICATION NUMBER: US60/369,479
/ PRIOR FILING DATE: 2002-04-02
/ PRIOR APPLICATION NUMBER: US09/659,634
/ PRIOR FILING DATE: 2000-09-12
/ PRIOR APPLICATION NUMBER: US60/318,120
/ PRIOR FILING DATE: 2001-09-07
/ PRIOR APPLICATION NUMBER: US60/318,130
/ PRIOR FILING DATE: 2001-09-07
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 794
/ SOFTWARE: Custom
/ SEQ ID NO: 673
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: probe
US-10-236-392-673

Query Match          0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy          943 CCTGACACATCTGAGCGCG 962
Db          2 CCTGGCACACCTGGACGACG 21

RESULT 823
US-10-236-392-685
/ Sequence 685, Application US/10236392
/ Publication No. US20040067490A1
/ GENERAL INFORMATION:
/ APPLICANT: Anderson, David W
/ APPLICANT: Boldog, Ferenc L
/ APPLICANT: Burgess, Catherine, B
/ APPLICANT: Casman, Stacie J
/ APPLICANT: Caterton, Elina
/ APPLICANT: Crabtree, Julie
/ APPLICANT: Edinger, Shlomit, R
/ APPLICANT: Ellerman, Karen
/ APPLICANT: Gerlach, Valerie
/ APPLICANT: Gorman, Linda
/ APPLICANT: Grosse, William M
/ APPLICANT: Gusev, Vladimir
/ APPLICANT: Kekuda, Ramesh
/ APPLICANT: Larocheille, William J
/ APPLICANT: Li, Li
/ APPLICANT: MacDougall, John R
/ APPLICANT: Malvankar, Uriel M
/ APPLICANT: Miller, Charles B
/ APPLICANT: Millet, Isabelle
/ APPLICANT: Padigaru, Muralidhara
/ APPLICANT: Patuajan, Weera
/ APPLICANT: Pena, Carol A
/ APPLICANT: Peyman, John A
/ APPLICANT: Rastelli, Luca
/ APPLICANT: Reiser, Daniel K
/ APPLICANT: Rothenberg, Mark B
/ APPLICANT: Shenoy, Suresh
/ APPLICANT: Shinkets, Richard A
/ APPLICANT: Smithson, Glenda
/ TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
/ FILE REFERENCE: 21402-442A
/ CURRENT APPLICATION NUMBER: US/10/236,392
/ CURRENT FILING DATE: 2002-09-06
/ PRIOR APPLICATION NUMBER: US09/540,763
/ PRIOR FILING DATE: 2000-03-30
/ PRIOR APPLICATION NUMBER: US60/390,155
/ PRIOR FILING DATE: 2002-06-19
/ PRIOR APPLICATION NUMBER: US09/635,949
```

```
/ PRIOR FILING DATE: 2000-08-10
/ PRIOR APPLICATION NUMBER: US60/318,765
/ PRIOR FILING DATE: 2001-09-12
/ PRIOR APPLICATION NUMBER: US60/357,303
/ PRIOR FILING DATE: 2002-02-15
/ PRIOR APPLICATION NUMBER: US60/367,753
/ PRIOR FILING DATE: 2002-03-25
/ PRIOR APPLICATION NUMBER: US60/369,479
/ PRIOR FILING DATE: 2002-04-02
/ PRIOR APPLICATION NUMBER: US09/659,634
/ PRIOR FILING DATE: 2000-09-12
/ PRIOR APPLICATION NUMBER: US60/318,120
/ PRIOR FILING DATE: 2001-09-07
/ PRIOR APPLICATION NUMBER: US60/318,130
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 794
/ SOFTWARE: Custom
/ SEQ ID NO: 685
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: probe
US-10-236-392-685

Query Match      0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      943 CCTGCACATCTGCAGCCG 962
DB      2 CCTGGCACACCTGCAGCAGC 21

RESULT 824
US-10-236-392-697
/ Sequence 697, Application US/10236392
/ Publication No. US20040067490A1
/ GENERAL INFORMATION:
/ APPLICANT: Anderson, David W
/ APPLICANT: Boldog, Ferenc L
/ APPLICANT: Burgess, Catherine, E
/ APPLICANT: Casman, Stacie J
/ APPLICANT: Caterton, Elina
/ APPLICANT: Chapoval, Andrei
/ APPLICANT: Crabtree, Julie
/ APPLICANT: Edinger, Shlomit, R
/ APPLICANT: Ellerman, Karen
/ APPLICANT: Gerlach, Valerie
/ APPLICANT: Gorman, Linda
/ APPLICANT: Grosse, William M
/ APPLICANT: Gusev, Vladimir
/ APPLICANT: Kekuda, Ramesh
/ APPLICANT: LaRochele, William J
/ APPLICANT: Li, Li
/ APPLICANT: MacDougall, John R
/ APPLICANT: Malyankar, Uriel M
/ APPLICANT: Miller, Charles B
/ APPLICANT: Millet, Isabelle
/ APPLICANT: Padigara, Muralidhara
/ APPLICANT: Patnrajn, Meera
/ APPLICANT: Pena, Carol A
/ APPLICANT: Peyman, John A
/ APPLICANT: Rastelli, Luca
/ APPLICANT: Reiger, Daniel K
/ APPLICANT: Rothenberg, Mark E
/ APPLICANT: Shenoy, Suresh
/ APPLICANT: Shimketa, Richard A
/ APPLICANT: Smithson, Glenda
/ TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
/ FILE REFERENCE: 21402-442A
/ CURRENT APPLICATION NUMBER: US/10/236,392
```

```
/ CURRENT FILING DATE: 2002-09-06
/ PRIOR APPLICATION NUMBER: US09/540,763
/ PRIOR FILING DATE: 2000-03-30
/ PRIOR APPLICATION NUMBER: US60/390,155
/ PRIOR FILING DATE: 2002-06-19
/ PRIOR APPLICATION NUMBER: US09/635,949
/ PRIOR FILING DATE: 2000-08-10
/ PRIOR APPLICATION NUMBER: US60/318,765
/ PRIOR FILING DATE: 2001-09-12
/ PRIOR APPLICATION NUMBER: US60/357,303
/ PRIOR FILING DATE: 2002-02-15
/ PRIOR APPLICATION NUMBER: US60/367,753
/ PRIOR FILING DATE: 2002-03-25
/ PRIOR APPLICATION NUMBER: US60/369,479
/ PRIOR FILING DATE: 2002-04-02
/ PRIOR APPLICATION NUMBER: US09/659,634
/ PRIOR FILING DATE: 2000-09-12
/ PRIOR APPLICATION NUMBER: US60/318,120
/ PRIOR FILING DATE: 2001-09-07
/ PRIOR APPLICATION NUMBER: US60/318,130
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 794
/ SOFTWARE: Custom
/ SEQ ID NO: 697
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: probe
US-10-236-392-697

Query Match      0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      943 CCTGCACATCTGCAGCCG 962
DB      2 CCTGGCACACCTGCAGCAGC 21

RESULT 825
US-10-236-392-724
/ Sequence 724, Application US/10236392
/ Publication No. US20040067490A1
/ GENERAL INFORMATION:
/ APPLICANT: Anderson, David W
/ APPLICANT: Boldog, Ferenc L
/ APPLICANT: Burgess, Catherine, E
/ APPLICANT: Casman, Stacie J
/ APPLICANT: Caterton, Elina
/ APPLICANT: Chapoval, Andrei
/ APPLICANT: Crabtree, Julie
/ APPLICANT: Edinger, Shlomit, R
/ APPLICANT: Ellerman, Karen
/ APPLICANT: Gerlach, Valerie
/ APPLICANT: Gorman, Linda
/ APPLICANT: Grosse, William M
/ APPLICANT: Gusev, Vladimir
/ APPLICANT: Kekuda, Ramesh
/ APPLICANT: LaRochele, William J
/ APPLICANT: Li, Li
/ APPLICANT: MacDougall, John R
/ APPLICANT: Malyankar, Uriel M
/ APPLICANT: Miller, Charles B
/ APPLICANT: Millet, Isabelle
/ APPLICANT: Padigara, Muralidhara
/ APPLICANT: Patnrajn, Meera
/ APPLICANT: Pena, Carol A
/ APPLICANT: Peyman, John A
/ APPLICANT: Rastelli, Luca
/ APPLICANT: Reiger, Daniel K
/ APPLICANT: Rothenberg, Mark E
```

```
/ APPLICANT: Shenoy, Suresh
/ APPLICANT: Shinkets, Richard A
/ TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
/ FILE REFERENCE: 21402-442A
/ CURRENT APPLICATION NUMBER: US/10/236,392
/ PRIOR FILING DATE: 2002-09-06
/ PRIOR APPLICATION NUMBER: US09/540,763
/ PRIOR FILING DATE: 2000-03-30
/ PRIOR APPLICATION NUMBER: US60/390,155
/ PRIOR FILING DATE: 2002-06-19
/ PRIOR APPLICATION NUMBER: US09/635,949
/ PRIOR FILING DATE: 2000-08-10
/ PRIOR APPLICATION NUMBER: US60/318,765
/ PRIOR FILING DATE: 2001-09-12
/ PRIOR APPLICATION NUMBER: US60/357,303
/ PRIOR FILING DATE: 2002-02-15
/ PRIOR APPLICATION NUMBER: US60/367,753
/ PRIOR FILING DATE: 2002-03-25
/ PRIOR APPLICATION NUMBER: US60/369,479
/ PRIOR FILING DATE: 2002-04-02
/ PRIOR APPLICATION NUMBER: US09/659,634
/ PRIOR FILING DATE: 2000-09-12
/ PRIOR APPLICATION NUMBER: US60/318,120
/ PRIOR FILING DATE: 2001-09-07
/ PRIOR APPLICATION NUMBER: US60/318,130
/ PRIOR FILING DATE: 2001-09-07
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ SOFTWARE: Custom
/ SEQ ID NO 724
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: probe
US-10-236-392-724

Query Match      0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      943 CCTGACACATCTGACGCCG 962
DB      2 CCTGGACACCTCGACGACG 21

RESULT 826
US-10-677-558-10
/ Sequence 10, Application US/10677558
/ Publication No. US20040096972A1
/ GENERAL INFORMATION:
/ APPLICANT: AUDIT, Muriel
/ APPLICANT: COSSET, Francois-Loic
/ TITLE OF INVENTION: CHIMERIC PLASMID COMPRISING A REPLICATIVE RETROVIRAL GENOME AND U
/ FILE REFERENCE: 1759.135
/ CURRENT APPLICATION NUMBER: US/10/677,558
/ CURRENT FILING DATE: 2003-10-02
/ PRIOR APPLICATION NUMBER: PCT/FR02/03934
/ PRIOR FILING DATE: 2002-11-18
/ PRIOR APPLICATION NUMBER: FR 0114976
/ PRIOR FILING DATE: 2001-11-20
/ NUMBER OF SEQ ID NOS: 15
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 10
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: oligo 4
US-10-677-558-10

Query Match      0.3%; Score 15.2; DB 1; Length 21;
```

```
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      516 GACAGATGCGTCGCGGAG 535
DB      1 GTCAGATGCGCTGACTGAG 20

RESULT 827
US-10-786-720-791
/ Sequence 791, Application US/10786720
/ Publication No. US20040191818A1
/ GENERAL INFORMATION:
/ APPLICANT: Wyeth
/ APPLICANT: O'Toole, Margot
/ TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
/ FILE REFERENCE: 031896-023000 (AM101331L)
/ CURRENT APPLICATION NUMBER: US/10/786,720
/ CURRENT FILING DATE: 2004-02-26
/ NUMBER OF SEQ ID NOS: 2135
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 791
/ LENGTH: 21
/ TYPE: RNA
/ ORGANISM: RNA1-sense strand
US-10-786-720-791

Query Match      0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 40.0%; Pred. No. 7.4e+02;
Matches 8; Conservative 9; Mismatches 3; Indels 0; Gaps 0;

QY      2333 TCTGAAGATGCGTATTCCT 2352
DB      2 UCUGCUGAUGGUAUUCUU 21

RESULT 828
US-10-786-720-794
/ Sequence 794, Application US/10786720
/ Publication No. US20040191818A1
/ GENERAL INFORMATION:
/ APPLICANT: Wyeth
/ APPLICANT: O'Toole, Margot
/ TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
/ FILE REFERENCE: 031896-023000 (AM101331L)
/ CURRENT APPLICATION NUMBER: US/10/786,720
/ CURRENT FILING DATE: 2004-02-26
/ NUMBER OF SEQ ID NOS: 2135
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 794
/ LENGTH: 21
/ TYPE: RNA
/ ORGANISM: RNA1-sense strand
US-10-786-720-794

Query Match      0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 40.0%; Pred. No. 7.4e+02;
Matches 8; Conservative 9; Mismatches 3; Indels 0; Gaps 0;

QY      2333 TCTGAAGATGCGTATTCCT 2352
DB      1 UCUGCUGAUGGUAUUCUU 20

RESULT 829
US-10-786-720-2354
/ Sequence 2354, Application US/10786720
/ Publication No. US20040191818A1
/ GENERAL INFORMATION:
```



```

1  APPLICANT: Wyeth
2  APPLICANT: O'Toole, Margot
3  APPLICANT: Liu, Wei
4  TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
5  TITLE OF INVENTION: DISEASES
6  FILE REFERENCE: 031896-023000 (AM103311)
7  CURRENT APPLICATION NUMBER: US/10/786,720
8  CURRENT FILING DATE: 2004-02-26
9  NUMBER OF SEQ ID NOS: 21135
10 SOFTWARE: Patentin version 3.2
11 SEQ ID NO 2354
12     LENGTH: 21
13     TYPE: RNA
14 ORGANISM: RNA1-sense strand
15 US-10-786-720-2354

```

Query Match	0.3%	Score 15.2	DB 1	Length 21
Best Local Similarity	40.0%	Pred. No. 7.4e+02		
Matches	8	Conservative	9	Mismatches 3
				Indels 0
				Gaps 0
QY	2333	TCTTGAGATGGCTATTCCT	2352	
DB	1	UCUUCGUAUUGGUAUUCUU	20	

```

RESULT 830
US-10-786-720-6683
: Sequence 6683, Application US/10786720
: Publication No. US2004019181A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
: TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
: TITLE OF INVENTION: DISEASES
: FILE REFERENCE: 031896-023000 (AM103311)
: CURRENT APPLICATION NUMBER: US/10/786,720
: CURRENT FILING DATE: 2004-02-26
: NUMBER OF SEQ ID NOS: 21135
: SOFTWARE: Patentin version 3.2
: SEQ ID NO 6683
:
: LENGTH: 21
:
: TYPE: RNA
: ORGANISM: RNA1-sense strand
US-10-786-720-6683

```

```

Query Match Similarity 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 60.0%; Pred. No. 7,4e+02;
Matches 12; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

OY          63 GTTGTGAAGCCCATTCCT 82
      ||| ||||| ||| :
Db          2 GUUCAGAAAGCCUAVUCCU 21

RESULT 831
US-10-786-720-7055
; Sequence 7055, Application US/10786720
; Publication No. US20040191818A1
GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; PILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 7055
; LENGTH: 21
; TYPE: RNA

```

ORGANISM: RNAI-sense strand
US-10-786-720-7055

Query Match	0.3%	Score 15.2;	DB 1;	Length 21;
Best Local Similarity	50.0%	Pred. No. 7.4e+02;		
Matches 10; Conservative	7;	Mismatches 3;	Indels 0;	Gaps 0

```

QY      5321 GTCTAGCAGGCTTTCAGTT 5340
      ||::|||:::||:::
Db      2 GUCUUCACGGAUUUCCAGUU 21

```

```

RESULT 832
US-10-786-720-7160
: Sequence 7160, Application US/10786720
: Publication No. US200401918A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
: TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
: TITLE OF INVENTION: DISEASES
: FILE REFERENCE: 031896-023000 (AM101331),
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 2135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 7160
LENGTH: 21
: TYPE: RNA
: ORGANISM: RNA1-sense strand
US-10-786-720-7160

```

```
Query Match          0.3%, Score 15.2; DB 1; length 21;
Best Local Similarity 50.0%; Pred. No. 7.4e+02;
Matches    10; Conservative   7; Mismatches    3; Indels    0; Gaps    0;
```

```

RESULT 833
US-10-786-720-9323
: Sequence 9323, Application US/10786720
: Publication No. US2006019181A1
: GENERAL INFORMATION:
: APPLICANT: Wyeth
: APPLICANT: O'Toole, Margot
: APPLICANT: Liu, Wei
: TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
: TITLE OF INVENTION: DISEASES
: FILE REFERENCE: 031896-023000 (AM101331L)
: CURRENT APPLICATION NUMBER: US/10/786,720
: CURRENT FILING DATE: 2004-02-26
: NUMBER OF SEQ. ID NOS.: 21135
: SOFTWARE: PatentIn version 3.2
: SEQ. ID NO. 9323
:
: LENGTH: 21
:
: TYPE: RNA
: ORGANISM: RNA1-sense strand
US-10-786-720-9323

```

```

Query Match      0.33; Score 15.2; DB 1; Length 21;
Best Local Similarity 50.0%; Pred. No. 7.4e+02;
Matches 10; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

5321 GCTTAGCAGGCGTTTCCAGTT 5340
      ||| ||| ||| ||| |||
Db      2 GUCUCCAGGAAUUTCAGAU 21

```

RESULT 834

```

US-10-786-720-9428
; Sequence 9428, Application US/10786720
; Publication NO. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 9428
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-9428

```

Query Match	0.3%	Score 15.2;	DB 1;	Length 21;
Best Local Similarity	50.0%	Pred. No. 7.4e+02;		
Matches 10;	Conservative 7;	Mismatches 3;	Indels 0;	Gaps 0;

Qy	5321	GTCTAGCAGGCTTCCAGTT	5340
	: : : : : : : : : :		
Db	2	GUCUCCAGGAAUUUCCAGTU	21

RESULT 835
US-10-786-720-12055

Sequence 12055, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:

```

: APPLICANT: O'Toole, Margot
: APPLICANT: Liu, Wei
: TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
: TITLE OF INVENTION: DISEASES
: FILE REFERENCE: 031896-023000 (AM103311)
: CURRENT APPLICATION NUMBER: US/10/786,720
: CURRENT FILING DATE: 2004-02-26
: NUMBER OF SEQ ID NOS: 21135
: SOFTWARE: Patentin version 3.2
: SEQ ID NO 12055

```

```

; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-12055

```

Query Match	0.3%	Score 15.2;	DB 1;	Length 21;
Best Local Similarity	85.0%	Pred. No. 7.4e+02;		
Matches 17; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0

OY 571 AAGAAGGAGGAGCTGAACGA 590
| | | | |
Db 2 AAGAAGAAGCACTGAAGAA 21

RESULT 836
US-10-786-720-12057/c
; Sequence 12057, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:

```

? APPLICANT: Wyeth
? APPLICANT: O'Toole, Margot
? APPLICANT: Liu, Wei
? TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
? TITLE OF INVENTION: DISEASES
? FILE REFERENCE: 031896-023000 (AM1013311)
? CURRENT APPLICATION NUMBER: US/10/786,720
? CURRENT FILING DATE: 2004-02-26
? NUMBER OF SEQ ID NOS: 21135
?

```

```

; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12057
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-12057

```

Query Match	0.3%	Score 15.2;	DB 1;	Length 21;
Best Local Similarity	85.0%	Pred. No. 7.4e+02;		
Matches 17; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;

QY 571 AAGAAGGAGGAGCTGAAGGA 590
|||||
Db 20 AAGAAGGAGGAGCTGAAGGA 1

RESULT 837
US-10-786-

; Sequence 12394, Application US/10786720
; Publication No. US2004019181A1

```
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
```

```

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12394

```

```

; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-12394

```

Query Match	0.3%	Score 15.2;	DB 1;	Length 21;
Best Local Similarity	85.0%	Pred. No. 7.4e+02;		
Matches 17; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0

```

Oy      2810  ACGTGAAGAAGCTTCAGCTG  2825
          |||||
Db      2      ACCTGAAGAAGCTTGTGCTG  21

```

RESULT 838
US-10-786-

; Sequence 12396, Application US/10786720
; Publication No. US20040191818A1

```
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
```

```

/ TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
/
/ TITLE OF INVENTION: DISEASES
/
/ FILE REFERENCE: 031896-023000 (AM101331L)
/
/ CURRENT APPLICATION NUMBER: US/10/786,720
/
/ CURRENT FILING DATE: 2004-02-26
/
/ NUMBER OF SEQ ID NOS: 21135
/
/ SOFTWARE: PatentIn version 3.2
/
/ SEQ ID NO 12396

```

```

; TYPE: RNA
; ORGANISM: Rnai-antisense strand
US-10-786-720-12396

```

Query Match	0.3%	Score 15.2;	DB 1;	Length 21;
Best Local Similarity	85.0%	Pred. No. 7.4e+02;		
Matches 17; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0

2810 ACGTGAAGAGCTTCAGCTG 2825

```
Db      20 ACCTGAGAGAGCTTGCTG 1
RESULT 839
US-10-786-720-12979/c
; Sequence 12979, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 12979
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-12979

Query Match      0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      4141 CTGGAACCCGAGCTTCTC 4160
Db      20 CTGGAAGTCTCCAGCTTCTC 1

RESULT 840
US-10-786-720-13935/c
; Sequence 13935, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 13935
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-13935

Query Match      0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      3590 ATGTGCTCAGGCTATCTC 3609
Db      20 ATGTGCTCAGGCTGCTCTC 1

RESULT 841
US-10-786-720-19925/c
; Sequence 19925, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 19925
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-19925

Query Match      0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      4783 AAAAGGAGCTCTGCACT 4802
Db      21 AAATAGTACTCTGCACT 2

RESULT 842
US-10-786-720-20448
; Sequence 20448, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 20448
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20448

Query Match      0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 60.0%; Pred. No. 7.4e+02;
Matches 12; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

Qy      1296 TGTGAGAGAGCTCTGTT 1315
Db      2 UGACAGAGAGAGACUCUGU 21

RESULT 843
US-09-866-108-6765
; Sequence 6765, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU Yizhong
; APPLICANT: Yi, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEONICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
```

```
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 19925
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-19925

Query Match      0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      4783 AAAAGGAGCTCTGCACT 4802
Db      21 AAATAGTACTCTGCACT 2

RESULT 842
US-10-786-720-20448
; Sequence 20448, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 20448
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20448

Query Match      0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 60.0%; Pred. No. 7.4e+02;
Matches 12; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

Qy      1296 TGTGAGAGAGCTCTGTT 1315
Db      2 UGACAGAGAGAGACUCUGU 21

RESULT 843
US-09-866-108-6765
; Sequence 6765, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU Yizhong
; APPLICANT: Yi, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEONICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
```

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/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aeomica Sequence Listing Engine
/ SEQ ID NO: 6765
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-6765
```

```
Query Match 0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred.No. 7.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 3034 CTCCTGAGACCCCTG 3048
DB 3 CTCCTGAGACCCCTG 17
```

```
RESULT 844
US-09-866-108-6766
/ Sequence 6766, Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
```

```
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aeomica Sequence Listing Engine
/ SEQ ID NO: 6766
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-6766
```

```
Query Match 0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred.No. 7.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 3034 CTCCTGAGACCCCTG 3048
DB 2 CTCCTGAGACCCCTG 16
```

```
RESULT 845
US-09-866-108-6767
/ Sequence 6767, Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
```

PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 6767
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-6767

Query Match 0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3034 CTCCTGAGACCTG 3048
DB 1 CTCCTGAGACCTG 15

RESULT 846
US-10-723-361-6765
Sequence 6765, Application US/10723361
Publication No. US20040137589A1

GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David R.
APPLICANT: RANK, David K.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OR INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 6765
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-6765

QY 3034 CTCCTGAGACCTG 3048
DB 3 CTCCTGAGACCTG 17

Query Match 0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3034 CTCCTGAGACCTG 3048
DB 3 CTCCTGAGACCTG 17

RESULT 847
US-10-723-361-6766
Sequence 6766, Application US/10723361
Publication No. US20040137589A1

GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David R.
APPLICANT: RANK, David K.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OR INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 6766
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-6766

Query Match 0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3034 CTCCTGAGACCTG 3048
DB 2 CTCCTGAGACCTG 16

RESULT 848
US-10-723-361-6767
Sequence 6767, Application US/10723361
Publication No. US20040137589A1

GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David R.
APPLICANT: RANK, David K.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OR INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25

QY 3034 CTCCTGAGACCTG 3048
DB 3 CTCCTGAGACCTG 17

```
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ SOFTWARE: Aecomica Sequence Listing Engine
/ SEQ ID NO 6767
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-723-361-6767
```

```
Query Match 0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 3034 CTCCTGAGAGCCCTG 3048
DB 1 CTCCTGAGAGCCCTG 15
```

```
RESULT 849
US-09-878-582-17/c
/ Sequence 17, Application US/09878582
/ Patent No. US20020058638A1
/ GENERAL INFORMATION:
/ APPLICANT: Brett P. Monia
/ APPLICANT: Lex M. Cowseert
/ APPLICANT: Robert McKay
/ TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN EXPRESSION
/ FILE REFERENCE: ISPH-0463
/ CURRENT APPLICATION NUMBER: US/09/878,582
/ PRIOR FILING DATE: 2001-06-11
/ PRIOR APPLICATION NUMBER: 09/577,902
/ PRIOR FILING DATE: 2000-05-24
/ PRIOR APPLICATION NUMBER: US 09/358,381
/ PRIOR FILING DATE: 1999-07-21
/ PRIOR APPLICATION NUMBER: PCT/US99/29594,
/ PRIOR FILING DATE: 1999-12-14
/ NUMBER OF SEQ ID NOS: 51
/ SEQ ID NO 17
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-878-582-17
```

```
Query Match 0.3%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2240 CTCGTGCTGTGAGG 2254
DB 18 CTCGTGCTGTGAGG 4
```

RESULT 850

```
US-10-388-263-840/c
/ Sequence 840, Application US/10388263
/ Publication No. US20030228597A1
/ GENERAL INFORMATION:
/ APPLICANT: Cowseert, Lex M.
/ APPLICANT: Baker, Brenda F.
/ APPLICANT: McNeil, John
/ APPLICANT: Freiler, Susan M.
/ APPLICANT: Sasmore, Henri M.
/ APPLICANT: Brooks, Douglas G.
/ APPLICANT: Ohashi, Cara
/ APPLICANT: Wyatt, Jacqueline R.
/ APPLICANT: Borchers, Alexander
/ APPLICANT: Vickers, Timothy A.
/ TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
/ TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
/ FILE REFERENCE: ISIS-4503
/ CURRENT APPLICATION NUMBER: US/10/388,263
/ PRIOR FILING DATE: 2003-03-12
/ NUMBER OF SEQ ID NOS: 947
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 840
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-840
```

```
Query Match 0.3%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2240 CTCGTGCTGTGAGG 2254
DB 18 CTCGTGCTGTGAGG 4
```

```
RESULT 851
US-10-336-213B-17/c
/ Sequence 17, Application US/10336213B
/ Publication No. US20040002153A1
/ GENERAL INFORMATION:
/ APPLICANT: Brett P. Monia
/ APPLICANT: Lex M. Cowseert
/ APPLICANT: Robert McKay
/ APPLICANT: Tim Vickers
/ TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN EXPRESSION
/ FILE REFERENCE: ISIS0004-100
/ CURRENT APPLICATION NUMBER: US/10/336,213B
/ CURRENT FILING DATE: 2003-01-03
/ PRIOR APPLICATION NUMBER: US 60/411,780
/ PRIOR FILING DATE: 2002-09-18
/ PRIOR APPLICATION NUMBER: US 09/878,582
/ PRIOR FILING DATE: 2001-06-11
/ PRIOR APPLICATION NUMBER: US 09/577,902
/ PRIOR FILING DATE: 2000-05-24
/ PRIOR APPLICATION NUMBER: PCT/US99/29594
/ PRIOR FILING DATE: 1999-12-14
/ PRIOR APPLICATION NUMBER: US 09/358,381
/ PRIOR FILING DATE: 1999-07-21
/ NUMBER OF SEQ ID NOS: 88
/ SEQ ID NO 17
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide
US-10-336-213B-17
```

```
Query Match 0.3%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
```

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2240 CTCGTGCTGCTGAGG 2254

DB 18 CTCGTGCTGCTGAGG 4

RESULT 852
US-10-664-639A-49/C

/ Sequence 49, Application US/10664639A
/ Publication No. US20040137471A1
/ GENERAL INFORMATION:
/ APPLICANT: Vickers, Timothy
/ APPLICANT: Koo, Seongjoon
/ APPLICANT: Bennett, C. Frank
/ APPLICANT: Crooke, Stanley T.
/ APPLICANT: Dean, Nicholas, M.
/ APPLICANT: Baker, Brenda P.
/ TITLE OF INVENTION: Efficient Reduction of Target RNA's by Single- and
/ TITLE OF INVENTION: Double-Stranded Oligomeric Compounds
/ FILE REFERENCE: ISIS0001-100 (COR0002708)
/ CURRENT APPLICATION NUMBER: US/10/664,639A
/ PRIOR FILING DATE: 2003-09-18
/ PRIOR APPLICATION NUMBER: US 60/411,780
/ PRIOR FILING DATE: 2002-09-18
/ NUMBER OF SEQ ID NOS: 121
/ SOFTWARE: Patentin version 3.2
/ SEQ ID NO 49
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: artificial sequence
/ FEATURE:
/ OTHER INFORMATION: oligonucleotide
/ NAME/KEY: misc_feature
/ LOCATION: (1)..(4)
/ OTHER INFORMATION: 2'-O-methoxyethyl substituted bases
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (15)..(18)
/ OTHER INFORMATION: 2'-O-methoxyethyl substituted bases
/ US-10-664-639A-49

Query Match 0.3%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred.No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2240 CTCGTGCTGCTGAGG 2254

DB 18 CTCGTGCTGCTGAGG 4

RESULT 853

US-10-349-143-7301/C
/ Sequence 7301, Application US/10349143
/ Publication No. US20040005584A1
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSSET 0200CP1
/ CURRENT APPLICATION NUMBER: US/10/349,143
/ PRIOR FILING DATE: 2003-01-21
/ PRIOR APPLICATION NUMBER: US/09/442,978
/ PRIOR FILING DATE: 1999-10-20
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
/ PRIOR APPLICATION NUMBER: US 60/109,732
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796

/ SEQ ID NO 7301

/ LENGTH: 19

/ TYPE: DNA

/ ORGANISM: Homo Sapiens

/ FEATURE:

/ NAME/KEY: primer_bind

/ LOCATION: 1..19

/ OTHER INFORMATION: upstream amplification primer 99-3542 for SEQ 3367,
US-10-349-143-7301

Query Match 0.3%; Score 15; DB 1; Length 19;
Best Local Similarity 100.0%; Pred.No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1329 GAAATATGAGATTT 1343

DB 15 GAAATATGAGATTT 1

RESULT 854

US-09-820-215-16/C
/ Sequence 16, Application US/09820215
/ Patent No. US20020012931A1
/ GENERAL INFORMATION:
/ APPLICANT: Waldman, Scott A.
/ APPLICANT: Pava, Tracy
/ APPLICANT: Desnoyers, Rodolphe
/ TITLE OF INVENTION: High Specificity Marker Detection
/ FILE REFERENCE: TUT02441
/ CURRENT APPLICATION NUMBER: US/09/820,215
/ PRIOR FILING DATE: 2001-03-27
/ PRIOR APPLICATION NUMBER: 60/192,229
/ PRIOR FILING DATE: 2000-03-27
/ NUMBER OF SEQ ID NOS: 25
/ SOFTWARE: Patentin version 3.0
/ SEQ ID NO 16
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ OTHER INFORMATION: No. US20020012931A1 Sequence
/ US-09-820-215-16

Query Match 0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2619 CCTGATGAGTGGGT 2633

DB 16 CCTGATGAGTGGGT 2

RESULT 855

US-09-972-715-14
/ Sequence 14, Application US/09972715
/ Patent No. US20020110862A1
/ GENERAL INFORMATION:
/ APPLICANT: Fousias, George
/ APPLICANT: Diamandis, Eleftherios
/ TITLE OF INVENTION: NOVEL SILENCING GENE
/ FILE REFERENCE: 11757.55USU1
/ CURRENT APPLICATION NUMBER: US/09/972,715
/ PRIOR FILING DATE: 2001-10-05
/ PRIOR APPLICATION NUMBER: US 60/239,006
/ PRIOR FILING DATE: 2000-10-06
/ NUMBER OF SEQ ID NOS: 15
/ SOFTWARE: Patentin version 3.1
/ SEQ ID NO 14
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-972-715-14

Query Match 0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3348 CTGTGAGGGGCTCAG 3362
|||||
Db 6 CTGTGAGGGGCTCAG 20

RESULT 856
US-09-263-981-8/c
; Sequence 8, Application US/09263981
; Patent No. US20020158437A1
; GENERAL INFORMATION:
; APPLICANT: Fisher, Paul B.
; TITLE OF INVENTION: Use of Prostate Tumor Inducing Gene for Detection of
; FILE REFERENCE: 51950-A-PCT-US/JML
; CURRENT APPLICATION NUMBER: US/09/263,981
; PRIOR FILING DATE: 1999-03-05
; PRIOR APPLICATION NUMBER: PCT/US97/15645
; PRIOR FILING DATE: 1997-09-05
; PRIOR APPLICATION NUMBER: 08/708,208
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-263-981-8

Query Match 0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2619 CCTGATGAGTGGGT 2633
|||||
Db 16 CCTGATGAGTGGGT 2

RESULT 857
US-10-443-694-118/c
; Sequence 118, Application US/10443694
; Publication No. US20040001846A1
; GENERAL INFORMATION:
; APPLICANT: Israeli, Ron S
; APPLICANT: Heston, Warren D.W.
; APPLICANT: Fair, William R
; APPLICANT: Overfelli, Quathek
; APPLICANT: Pinto, John
; TITLE OF INVENTION: PROSTATE-SPECIFIC MEMBRANE ANTIGEN AND USES THEREOF
; FILE REFERENCE: 1769/41426-GB
; CURRENT APPLICATION NUMBER: US/10/443,694
; PRIOR FILING DATE: 2003-05-21
; PRIOR APPLICATION NUMBER: US 08/705,477
; PRIOR FILING DATE: 1996-08-29
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 118
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-443-694-118

Query Match 0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2619 CCTGATGAGTGGGT 2633

Db 16 CCTGATGAGTGGGT 2
|||||

RESULT 858
US-10-210-556-48/c
; Sequence 48, Application US/10210556
; Publication No. US20040023904A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Coweert
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTPRA EXPRESSION
; FILE REFERENCE: PFS-0015
; CURRENT APPLICATION NUMBER: US/10/210,556
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 227
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-556-48

Query Match 0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 568 CTGAAGAAGAGAGAG 582
|||||
Db 20 CTGAAGAAGAGAGAG 6

RESULT 859
US-10-210-556-171
; Sequence 171, Application US/10210556
; Publication No. US20040023904A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Coweert
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTPRA EXPRESSION
; FILE REFERENCE: PFS-0015
; CURRENT APPLICATION NUMBER: US/10/210,556
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 227
; SEQ ID NO 171
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-210-556-171

Query Match 0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 568 CTGAAGAAGAGAGAG 582
|||||
Db 1 CTGAAGAAGAGAGAG 15

RESULT 860
US-10-394-808-73/c
; Sequence 73, Application US/10394808
; Publication No. US20040185559A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: MODULATION OF DIACYLGLYCEROL ACYLTRANSFERASE 1 EXPRESSION
; FILE REFERENCE: BIOL000305
; CURRENT APPLICATION NUMBER: US/10/394,808

/ CURRENT FILING DATE: 2003-03-21
/ NUMBER OF SEQ ID NOS: 152
/ SEQ ID NO 73
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-394-808-73

Query Match 0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 745 GAGCAGATGGGGCTG 759
DB 18 GAGCAGATGGGGCTG 4

RESULT 861
US-10-394-808-135
/ Sequence 135, Application US/10394808
/ Publication No. US20040185559A1
/ GENERAL INFORMATION:
/ APPLICANT: Brett P. Monia
/ APPLICANT: Mark J. Graham
/ TITLE OF INVENTION: MODULATION OF DIACYLGLYCEROL ACYLTRANSFERASE 1 EXPRESSION
/ FILE REFERENCE: BIO/000303US
/ CURRENT APPLICATION NUMBER: US/10/394,808
/ CURRENT FILING DATE: 2003-03-21
/ NUMBER OF SEQ ID NOS: 152
/ SEQ ID NO 135
/ LENGTH: 20
/ TYPE: RNA
/ ORGANISM: M. musculus
/ FEATURE:
US-10-394-808-135

Query Match 0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 86.7%; Pred. No. 7.7e+02;
Matches 13; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 745 GAGCAGATGGGGCTG 759
DB 3 GAGCAGATGGGGCTG 17

RESULT 862
US-10-614-625-118/C
/ Sequence 118, Application US/10614625
/ Publication No. US20040198657A1
/ GENERAL INFORMATION:
/ APPLICANT: Heston, Warren D.W.
/ APPLICANT: Querfelli, Onathek
/ APPLICANT: Plinio, John
/ TITLE OF INVENTION: PROSTATE-SPECIFIC MEMBRANE ANTIGEN AND USES THEREOF
/ FILE REFERENCE: 1769/41426-GC
/ CURRENT APPLICATION NUMBER: US/10/614,625
/ CURRENT FILING DATE: 2003-07-02
/ PRIOR APPLICATION NUMBER: US 10/433,694
/ PRIOR FILING DATE: 2003-05-21
/ PRIOR APPLICATION NUMBER: US 08/705,477
/ PRIOR FILING DATE: 1996-08-29
/ PRIOR APPLICATION NUMBER: PCT/US96/02424
/ PRIOR FILING DATE: 1996-02-23
/ PRIOR APPLICATION NUMBER: US 08/466,381
/ PRIOR FILING DATE: 1995-06-06
/ PRIOR APPLICATION NUMBER: US 08/470,735
/ PRIOR FILING DATE: 1995-06-06
/ PRIOR APPLICATION NUMBER: US 08/394,152
/ PRIOR FILING DATE: 1995-02-24
/ NUMBER OF SEQ ID NOS: 128
/ SOFTWARE: PatentIn version 3.1

/ SEQ ID NO 118
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-614-625-118

Query Match 0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2619 CCTGATGCAGTGGGT 2633
DB 16 CCTGATGCAGTGGGT 2

RESULT 863
US-09-738-363-34
/ Sequence 34, Application US/09738363
/ Patent No. US20010010932A1
/ GENERAL INFORMATION:
/ APPLICANT: Schepf, Harry E.
/ Schepf, George E.
/ Payne, Jewel M.
/ Narva, Kenneth E.
/ Foncerrada, Luis
/ TITLE OF INVENTION: Nematocidal Proteins
/ NUMBER OF SEQUENCES: 40
/ CORRESPONDENCE ADDRESS:
/ ADDRESSES: Jay M. Sanders
/ STREET: 2421 N.W. 41st Street, Suite A-1
/ CITY: Gainesville
/ STATE: FL
/ COUNTRY: USA
/ ZIP: 32606
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/738,363
/ FILING DATE: 15-Dec-2000
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/076,137
/ FILING DATE: 12-MAY-1998
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Sanders, Jay
/ REGISTRATION NUMBER: 39,355
/ REFERENCE/DOCKET NUMBER: MA-20CCCD3
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 352-375-8100
/ TELEFAX: 352-372-5800
/ INFORMATION FOR SEQ ID NO: 34:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 21 bases
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (synthetic)
/ SEQUENCE DESCRIPTION: SEQ ID NO: 34:
US-09-738-363-34

Query Match 0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 7.9e+02;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 5271 AAGCAAGTTATTCAGAAAT 5291
DB 1 AATGAAGTATATCGGTAAAT 21

RESULT 864

```
US-10-083-246A-165
; Sequence 165, Application US/10083246A
; Publication No. US20030152936A1
; GENERAL INFORMATION:
; APPLICANT: Athena Diagnostics
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR GENETIC ANALYSIS OF POLYCYSTIC KIDNE
; FILE REFERENCE: 1133/2002
; CURRENT APPLICATION NUMBER: US/10/083,246A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 168
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 165
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(21)
; OTHER INFORMATION: Synthetic primer
US-10-083-246A-165

Query Match          0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2291  ACCTCAGGAGCATG 2305
DB      4      ACCTCAGGAGCATG 18

RESULT 865
US-10-084-839-3599
; Sequence 3599, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Barholm, Christian T.
; APPLICANT: Chehak, Lukane
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eise, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: IP, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiackowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamlichev, Victor
; APPLICANT: Lyamlicheva, Natalie B.
; APPLICANT: Ma, Mupo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tsetska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedyik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3599
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-3599
```

```
Query Match          0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2788  TTTCGATTAAATTC 2802
DB      5      TTTCGATTAAATTC 19

RESULT 866
US-10-388-263-884/C
; Sequence 884, Application US/10388263
; Publication No. US2003028597A1
; GENERAL INFORMATION:
; APPLICANT: Cowert, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freiler, Susan M.
; APPLICANT: Saemor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Oshaal, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 884
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligomeric Compound
US-10-388-263-884

Query Match          0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2240  CTCTGCTGCTGAGG 2254
DB      18  CTCTGCTGCTGAGG 4

RESULT 867
US-10-336-213B-61/C
; Sequence 61, Application US/10336213B
; Publication No. US20040002153A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowert
; APPLICANT: Robert McKay
; APPLICANT: Tim Vickers
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN EXPRESSION
; FILE REFERENCE: ISIS0004-100
; CURRENT APPLICATION NUMBER: US/10/336,213B
; CURRENT FILING DATE: 2003-01-03
; PRIOR APPLICATION NUMBER: US 60/411,780
; PRIOR FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: US 09/878,582
; PRIOR FILING DATE: 2001-06-11
; PRIOR APPLICATION NUMBER: US 09/577,902
; PRIOR FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: PCT/US99/29594
; PRIOR FILING DATE: 1999-12-14
; PRIOR APPLICATION NUMBER: US 09/358,381
; PRIOR FILING DATE: 1999-07-21
```

NUMBER OF SEQ ID NOS: 88
SEQ ID NO 61
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide
US-10-336-213B-61

Query Match 0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2240 CTTGCTGCTGCTGAGG 2254
DB 18 CTTGCTGCTGCTGAGG 4

RESULT 868

US-10-633-023-34
Sequence 34, Application US/10633023
Publication No. US20040018982A1
GENERAL INFORMATION:
APPLICANT: Schepf, H. Ernest
APPLICANT: Schwab, George
APPLICANT: Payne, Jewel
APPLICANT: Narva, Kenneth
APPLICANT: Poncetrada, Luis
TITLE OF INVENTION: Nematocidal Proteins
FILE REFERENCE: MA-20CCCD4
CURRENT APPLICATION NUMBER: US/10/633,023
PRIOR FILING DATE: 2003-07-31
PRIOR APPLICATION NUMBER: US 09/738,363
PRIOR FILING DATE: 2000-12-15
PRIOR APPLICATION NUMBER: US 09/076,137
PRIOR FILING DATE: 1998-05-12
PRIOR APPLICATION NUMBER: US 08/316,301
PRIOR FILING DATE: 1994-09-30
PRIOR APPLICATION NUMBER: US 07/871,510
PRIOR FILING DATE: 1992-04-23
PRIOR APPLICATION NUMBER: US 07/830,050
PRIOR FILING DATE: 1993-01-31
PRIOR APPLICATION NUMBER: US 07/693,018
PRIOR FILING DATE: 1991-05-03
PRIOR APPLICATION NUMBER: US 07/675,772
PRIOR FILING DATE: 1991-03-27
PRIOR APPLICATION NUMBER: US 07/565,544
PRIOR FILING DATE: 1990-08-10
PRIOR APPLICATION NUMBER: US 07/557,246
PRIOR FILING DATE: 1990-07-24
PRIOR APPLICATION NUMBER: US 07/535,810
PRIOR FILING DATE: 1990-06-11
Remainder of Prior Application data removed - See file wrapper or PALM.
NUMBER OF SEQ ID NOS: 40
SOFTWARE: PatentIn version 3.2
SEQ ID NO 34
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide probe 33F2B.
US-10-633-023-34

Query Match 0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 7.9e+02;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 5271 AAGGAAGTTATTCAGAAAT 5291
DB 1 AATGAAGTATATCCWGTAAAT 21

RESULT 869

US-10-648-593-286
Sequence 286, Application US/10648593
Publication No. US20040106132A1
GENERAL INFORMATION:
APPLICANT: Bristol-Myers Squibb Company
TITLE OF INVENTION: IDENTIFICATION OF GENES FOR PREDICTING ACTIVITY OF COMPOUNDS THAT
INTERACT WITH AND/OR MODULATE PROTEIN TYROSINE KINASES AND/OR
FILE REFERENCE: D0273 NP
CURRENT APPLICATION NUMBER: US/10/648,593
PRIOR FILING DATE: 2003-08-26
PRIOR APPLICATION NUMBER: 60/406,385
PRIOR FILING DATE: 2002-08-27
NUMBER OF SEQ ID NOS: 557
SOFTWARE: PatentIn version 3.2
SEQ ID NO 286
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-648-593-286

Query Match 0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4836 CTTGAGTCTGCTGCTT 4850
DB 1 CTTGAGTCTGCTGCTT 15

RESULT 870

US-09-067-638B-104/C
Sequence 104, Application US/09067638B
Patent No. US2002028923A1
GENERAL INFORMATION:
APPLICANT: Lex M. Cowbert
APPLICANT: Brenda F. Baker
APPLICANT: John McNeil
APPLICANT: Susan M. Freier
APPLICANT: Henri M. Sasmor
APPLICANT: Douglas G. Brooks
APPLICANT: Cara Ohashi
APPLICANT: Jacqueline R. Wyatt
APPLICANT: Alexander Borchers
APPLICANT: Timothy A. Vickers
TITLE OF INVENTION: Identification of Genetic
Targets for Modulation By Oligonucleotides and
TITLE OF INVENTION: Generation of Oligonucleotides for Gene
NUMBER OF SEQUENCES: 112
CORRESPONDENCE ADDRESS:
ADDRESSES: WOODCOCK WASHBURN KURTZ
ADDRESSES: MACKIEWICZ & NORRIS LLP
STREET: 1 LIBERTY PLACE 46TH FLOOR
CITY: PHILADELPHIA
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
COMPUTER: IBM
OPERATING SYSTEM: PC-Windows NT
SOFTWARE: WORD PERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/067,638B
FILING DATE: 28-APR-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/081,483
FILING DATE: 13-APR-1998
ATTORNEY/AGENT INFORMATION:
NAME: John W. Caldwell
REGISTRATION NUMBER: 28,937

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; REFERENCE/DOCKET NUMBER: 1S1S-2960
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 104:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-067-638B-104

Query Match          0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3269 CTGTGCTTAGTGCAGCC 3286
Db      18  CTGTCTTTGTGCAGCC 1

RESULT 871
US-09-897-322-18
; Sequence 18, Application US/09897322
; Patent No. US20020102643A1
; GENERAL INFORMATION:
; APPLICANT: Valenzuela et al.
; TITLE OF INVENTION: DORSAL TISSUE AFFECTING FACTOR AND COMPOSITIONS
; FILE REFERENCE: REG132-B
; CURRENT APPLICATION NUMBER: US/09/897,322
; PRIOR FILING DATE: 2001-07-02
; PRIOR APPLICATION NUMBER: 09/167,874
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 08/485,721
; PRIOR FILING DATE: 1995-07-06
; PRIOR APPLICATION NUMBER: 08/392,935
; PRIOR FILING DATE: 1995-09-22
; PRIOR APPLICATION NUMBER: PCT/US93/08326
; PRIOR FILING DATE: 1993-09-02
; PRIOR APPLICATION NUMBER: 07/957,401
; PRIOR FILING DATE: 1992-10-06
; PRIOR APPLICATION NUMBER: 07/950,410
; PRIOR FILING DATE: 1992-09-23
; PRIOR APPLICATION NUMBER: 07/939,954
; PRIOR FILING DATE: 1992-09-03
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 18
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-09-897-322-18

Query Match          0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      748 CAGATGGGCTGAGCTCA 765
Db      1  CAGATGTGCTGTGTCTCA 18

RESULT 872
US-09-263-959-716/C
; Sequence 716, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
```

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; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Masters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 716:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-716

Query Match          0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5396 AAATACAAAAGAAAA 5413
Db      18  AAAAGAAAAAGAAAA 1

RESULT 873
US-09-766-450-53
; Sequence 53, Application US/09766450
; Publication No. US20030022166A1
; GENERAL INFORMATION:
; APPLICANT: Collins, Colin
; APPLICANT: Volik, Stanislav
; APPLICANT: Gray, Joe W.
; APPLICANT: Alberson, Donna G.
; APPLICANT: Pinkel, Daniel
; TITLE OF INVENTION: The Regents of the University of California
; TITLE OF INVENTION: Repeat-Free Probes for Molecular
; TITLE OF INVENTION: Cytogenetics
; FILE REFERENCE: 023071-11180US
; CURRENT APPLICATION NUMBER: US/09/766,450
; CURRENT FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 112
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 53
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer 733241.1.fl
US-09-766-450-53

Query Match          0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      268 CCAGACTCCCTATCAG 285
Db      1  CCAGACTCCCTATCAG 285
```

DB 1 CCGAGACCTGCTCTCAG 18

RESULT 874

US-10-077-383-27

/ Sequence 27, Application US/10077383

/ Publication No. US20030050444A1

/ GENERAL INFORMATION:

/ APPLICANT: Haydock, Paul V.

/ APPLICANT: U'Ren, Jack

/ TITLE OF INVENTION: Saigen Corporation

/ TITLE OF INVENTION: Nucleic Acid Amplification Using an RNA Polymerase and

/ FILE REFERENCE: 018048-001710US

/ CURRENT APPLICATION NUMBER: US/10/077,383

/ PRIOR FILING DATE: 2002-02-15

/ PRIOR APPLICATION NUMBER: US 60/296,812

/ PRIOR FILING DATE: 2001-06-07

/ NUMBER OF SEQ ID NOS: 33

/ SOFTWARE: PatentIn Ver. 2.1

/ SEQ ID NO 27

/ LENGTH: 18

/ TYPE: DNA

/ ORGANISM: Artificial Sequence

/ FEATURES:

/ OTHER INFORMATION: Description of Artificial Sequence: spacer sequence

US-10-077-383-27

Query Match 0.3%; Score 14.8; DB 1; Length 18;

Best Local Similarity 88.9%; Pred. No. 7.9e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1181 GAGAAAGAGAGAGAGA 1198

DB 1 GCGAGAGAGAGAGAGAGA 18

RESULT 875

US-10-188-404-33/c

/ Sequence 33, Application US/10188404

/ Publication No. US20030105286A1

/ GENERAL INFORMATION:

/ APPLICANT: Bgholm, Michael

/ APPLICANT: Nielsen, Peter

/ APPLICANT: Buchardt, Ole

/ APPLICANT: Dueholm, Kim L.

/ APPLICANT: Christensen, Leif

/ APPLICANT: Coull, James M.

/ APPLICANT: Kleiy, John

/ APPLICANT: Griffith, Michael

/ TITLE OF INVENTION: Linked Peptide Nucleic Acids

/ FILE REFERENCE: ISIS5042

/ CURRENT APPLICATION NUMBER: US/10/188,404

/ CURRENT FILING DATE: 2002-07-01

/ PRIOR APPLICATION NUMBER: 08/275,951

/ PRIOR FILING DATE: 1994-07-15

/ PRIOR APPLICATION NUMBER: 08/765,798

/ PRIOR FILING DATE: 1997-04-23

/ NUMBER OF SEQ ID NOS: 69

/ SOFTWARE: PatentIn version 3.1

/ SEQ ID NO 33

/ LENGTH: 18

/ TYPE: DNA

/ ORGANISM: Artificial Sequence

/ FEATURES:

/ OTHER INFORMATION: Synthetic construct

/ NAME/KEY: misc. feature

/ LOCATION: (9)..(10)

/ OTHER INFORMATION: Lysine, Amino Hexanoic Acid, Lysine,

/ OTHER INFORMATION: Amino Hexanoic Acid, Lysine linkage

US-10-188-404-33

Query Match 0.3%; Score 14.8; DB 1; Length 18;

Best Local Similarity 88.9%; Pred. No. 7.9e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5396 AAAATACAAAAAGAAA 5413

DB 18 AAAAGAAAAAGAAAAA 1

RESULT 876

US-10-116-325-104/c

/ Sequence 104, Application US/10116325

/ Publication No. US20030113739A1

/ GENERAL INFORMATION:

/ APPLICANT: Cowsett, Lex M.

/ APPLICANT: Baker, Brenda F.

/ APPLICANT: McNeil, John

/ APPLICANT: Freiler, Susan M.

/ APPLICANT: Sasmor, Henri M.

/ APPLICANT: Brooks, Douglas G.

/ APPLICANT: Ohashi, Cara

/ APPLICANT: Wyatt, Jacqueline R.

/ APPLICANT: Borchers, Alexander

/ APPLICANT: Vickers, Timothy A.

/ TITLE OF INVENTION: Identification of Genetic Targets for Modulation By Oligonucleotides

/ FILE REFERENCE: ISIS5026

/ CURRENT APPLICATION NUMBER: US/10/116,325

/ CURRENT FILING DATE: 2002-04-04

/ PRIOR APPLICATION NUMBER: 09/067,638

/ PRIOR FILING DATE: 1998-04-28

/ PRIOR APPLICATION NUMBER: 60/081,483

/ PRIOR FILING DATE: 1998-04-13

/ NUMBER OF SEQ ID NOS: 112

/ SOFTWARE: PatentIn version 3.1

/ SEQ ID NO 104

/ LENGTH: 18

/ TYPE: DNA

/ ORGANISM: Artificial Sequence

/ FEATURES:

/ OTHER INFORMATION: No. US20030113739A1 Sequence

US-10-116-325-104

Query Match 0.3%; Score 14.8; DB 1; Length 18;

Best Local Similarity 88.9%; Pred. No. 7.9e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3269 CTGTGCTTAGTGCAGCC 3286

DB 18 CTGTCTTTGTGTCAGCC 1

RESULT 877

US-10-323-268-18

/ Sequence 18, Application US/10323268

/ Publication No. US20030129703A1

/ GENERAL INFORMATION:

/ APPLICANT: Regeneron Pharmaceuticals, Inc.

/ TITLE OF INVENTION: Modified Dorsal Tissue Affecting Factor and Composition

/ FILE REFERENCE: REG 133-Z

/ CURRENT APPLICATION NUMBER: US/10/323,268

/ CURRENT FILING DATE: 2002-12-19

/ PRIOR APPLICATION NUMBER: US/09/500,253

/ PRIOR FILING DATE: 2000-02-08

/ NUMBER OF SEQ ID NOS: 27

/ SOFTWARE: PatentIn version 3.0

/ SEQ ID NO 18

/ LENGTH: 18

/ TYPE: DNA

/ ORGANISM: Artificial Sequence

/ FEATURES:

/ OTHER INFORMATION: Primer

US-10-323-268-18

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 748 CAGATGGGCTGAGGTCA 765
Db 1 CAGATGGCTGTGTCTCA 18

RESULT 878

US-10-239-912-1
; Sequence 1, Application US/10239912
; Publication No. US20030212012A1
; GENERAL INFORMATION:
; APPLICANT: Henry, James L.
; APPLICANT: Fundyus, Marian E.
; APPLICANT: Vaudreuil, Terrasse
; TITLE OF INVENTION: Oligonucleotide For Metabotropic Glutamate Receptor
; FILE REFERENCE: 457-107PCT
; CURRENT APPLICATION NUMBER: US/10/239,912
; CURRENT FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: 60/144,004
; PRIOR FILING DATE: 1999-07-15
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-239-912-1

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2856 ATGAGCCCAACATGT 2873
Db 1 AAGAGCCCAACATGT 18

RESULT 879

US-10-239-912-31
; Sequence 31, Application US/10239912
; Publication No. US20030212012A1
; GENERAL INFORMATION:
; APPLICANT: Henry, James L.
; APPLICANT: Fundyus, Marian E.
; APPLICANT: Vaudreuil, Terrasse
; TITLE OF INVENTION: Oligonucleotide For Metabotropic Glutamate Receptor
; FILE REFERENCE: 457-107PCT
; CURRENT APPLICATION NUMBER: US/10/239,912
; CURRENT FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: 60/144,004
; PRIOR FILING DATE: 1999-07-15
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 31
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-239-912-31

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2859 GAGCCCAACATGT 2876
Db 1 GAGCCCAACATGT 18

RESULT 880

US-10-388-263-104/c
; Sequence 104, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowseert, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freiler, Susan M.
; APPLICANT: Sasmor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyalt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 104
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-104

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3269 CTGTGCTTAGTGCACGCC 3286
Db 18 CTGTCTTGTGTGCACGCC 1

RESULT 881

US-10-388-263-361
; Sequence 361, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowseert, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freiler, Susan M.
; APPLICANT: Sasmor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyalt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 361
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-361

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3312 GCAAGAACACTGGATGA 3329
DB 1 GGAGAACAACTGGATGA 18

RESULT 882
US-10-349-143-5445
Sequence 5445, Application US/10349143
Publication No. US20040005584A1
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
TITLE OF INVENTION: Blalileic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/10/349,143
PRIOR FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 5445
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-26002 for SEQ 1511,
US-10-349-143-5445

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4406 AGAAGATGAGACTGG 4423
DB 1 AGACAGATCAGACTGG 18

RESULT 883
US-10-349-143-6099/c
Sequence 6099, Application US/10349143
Publication No. US20040005584A1
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Blalileic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/10/349,143
PRIOR FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 6099
LENGTH: 18
TYPE: DNA

ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-8910 for SEQ 2165,
US-10-349-143-6099

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 568 CTGAAGAGAGAGCTG 585
DB 18 CTGAAGAGAGAGCTG 1

RESULT 884
US-10-321-039-541/c
Sequence 541, Application US/10321039
Publication No. US20040014067A1
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor
APPLICANT: Lukowiak, Andrew
APPLICANT: Jarvis, Nancy
APPLICANT: Kurensky, David
TITLE OF INVENTION: Amplification Methods and Compositions
FILE REFERENCE: PORS-06960
CURRENT APPLICATION NUMBER: US/10/321,039
CURRENT FILING DATE: 2002-12-17
PRIOR APPLICATION NUMBER: 09/998,157
PRIOR FILING DATE: 2001-11-30
PRIOR APPLICATION NUMBER: 60/329,113
PRIOR FILING DATE: 2001-10-12
PRIOR APPLICATION NUMBER: 60/360,489
PRIOR FILING DATE: 2001-10-19
NUMBER OF SEQ ID NOS: 759
SOFTWARE: PatentIn version 3.2
SEQ ID NO 541
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-321-039-541

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2642 TGCAGTGTCTGTGAGC 2659
DB 18 TGCCTGTCTGTCTGTGC 1

RESULT 885
US-10-608-536-4
Sequence 4, Application US/10608536
Publication No. US20040049015A1
GENERAL INFORMATION:
APPLICANT: TANABE, Tadaashi
TITLE OF INVENTION: PROSTACYCLIN SYNTHASE DERIVED FROM HUMAN
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSER: SUGHRUE, MION, ZINN, MACPEAK & SEAS
STREET: 2100 Pennsylvania Avenue, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/608,536
FILING DATE: 30-Jun-2003
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/578,709
FILING DATE: 28-DEC-1995
APPLICATION NUMBER: PCT/JP95/00838
FILING DATE: 27-APR-1995
APPLICATION NUMBER: JP 114316/1994
FILING DATE: 28-APR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Gubinsky, Louis
REGISTRATION NUMBER: 24,835
REFERENCE/DOCKET NUMBER: Q40439
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)293-7060
TELEFAX: (202)293-7860
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "PRIMER/SYNTHETIC DNA"
US-10-608-536-4
SEQUENCE DESCRIPTION: SEQ ID NO: 4:

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4457 TGCCTGCACACTCTCTGA 4474
DB 1 TGCCTGCACACTCTCTCTGA 18

RESULT 886
US-10-663-749-4
Sequence 4, Application US/10663749
Publication No. US20040092722A1
GENERAL INFORMATION:
APPLICANT: YOKOYAMA, CHIHIKO
TITLE OF INVENTION: ANTIBODIES SPECIFIC TO HUMAN PROSTACYCLIN SYNTHASE
FILE REFERENCE: Q76409
CURRENT APPLICATION NUMBER: US/10/663,749
CURRENT FILING DATE: 2003-09-17
PRIOR APPLICATION NUMBER: 09/670,582
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: 09/037,758
PRIOR FILING DATE: 1998-01-10
PRIOR APPLICATION NUMBER: 08/578,706
PRIOR FILING DATE: 1995-12-28
NUMBER OF SEQ ID NOS: 20
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 4
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-663-749-4

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4457 TGCCTGCACACTCTCTGA 4474
DB 1 TGCCTGCACACTCTCTCTGA 18

RESULT 887
US-10-735-345-5
Sequence 5, Application US/10735345
Publication No. US2004013261A1
GENERAL INFORMATION:
APPLICANT: Economides, Aris N.
APPLICANT: Stahl, Neil
APPLICANT: Valenzuela, David M.
APPLICANT: Yancopoulos, George D.
TITLE OF INVENTION: Therapeutic Method For Treating Bone
FILE REFERENCE: REG 132B1-C
CURRENT APPLICATION NUMBER: US/10/735,345
CURRENT FILING DATE: 2003-12-12
PRIOR APPLICATION NUMBER: 09/897,322
PRIOR FILING DATE: 2001-07-02
PRIOR APPLICATION NUMBER: 08/392,935
PRIOR FILING DATE: 1995-03-03
PRIOR APPLICATION NUMBER: PCT/US93/08326
PRIOR FILING DATE: 1993-09-02
PRIOR APPLICATION NUMBER: 09/957,401
PRIOR FILING DATE: 1992-10-06
PRIOR APPLICATION NUMBER: 07/950,410
PRIOR FILING DATE: 1992-09-23
PRIOR APPLICATION NUMBER: 07/939,954
PRIOR FILING DATE: 1992-09-03
NUMBER OF SEQ ID NOS: 10
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 5
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide
US-10-735-345-5

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 748 CAGATGGGCTGTGAGTCA 765
DB 1 CAGATGGGCTGTGAGTCA 18

RESULT 888
US-10-360-854-11/c
Sequence 11, Application US/10360854
Publication No. US20040157220A1
GENERAL INFORMATION:
APPLICANT: Kurnool, Purnima
APPLICANT: Wo, Betty
APPLICANT: Banks, Peter
TITLE OF INVENTION: Method and Apparatus for Sample Tracking
FILE REFERENCE: 10255-020-999
CURRENT APPLICATION NUMBER: US/10/360,854
CURRENT FILING DATE: 2003-02-10
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn version 3.1
SEQ ID NO 11
LENGTH: 18
TYPE: DNA
ORGANISM: mammalian
US-10-360-854-11

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2641 CTGAGCTGCTGTGCGAG 2658
DB 1 CTGAGCTGCTGTGCGAG 18

Db 18 CTGCTGCTGCTGCTGCTG 1

RESULT 889

US-10-830-475-104/C

/ Sequence 104, Application US/10830475

/ Publication No. US20040197814A1

/ GENERAL INFORMATION:

APPLICANT: Lex M. Cowsett

Brenda F. Baker

John McNeill

Susan M. Freier

Henri M. Sasmor

Douglas G. Brookes

Cara Ohashi

Jacqueline R. Wyatt

Alexander Borchers

Timothy A. Vickers

TITLE OF INVENTION: Identification of Genetic Targets for Modulation By Oligonucleotides and Generation of Oligonucleotides for Gene Modulation

NUMBER OF SEQUENCES: 112

CORRESPONDENCE ADDRESS:

ADDRESSEE: WOODCOCK WASHBURN KURTZ

MACKIEWICZ & NORRIS LLP

STREET: 1 LIBERTY PLACE 46TH FLOOR

CITY: PHILADELPHIA

STATE: PA

COUNTRY: USA

ZIP: 19103

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB

COMPUTER: IBM

OPERATING SYSTEM: PC-Windows NT

SOFTWARE: WORD PERFECT 6.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/830,475

FILING DATE: 21-Apr-2004

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/067,638B

FILING DATE: 28-Apr-1998

APPLICATION NUMBER: 60/081,483

FILING DATE: 13-Apr-1998

ATTORNEY/AGENT INFORMATION:

NAME: John W. Caldwell

REGISTRATION NUMBER: 28,937

REFERENCE/DOCKET NUMBER: ISIS-2960

TELECOMMUNICATION INFORMATION:

TELEPHONE: (215) 568-3100

TELEFAX: (215) 568-3439

INFORMATION FOR SEQ ID NO: 104:

SEQUENCE CHARACTERISTICS:

LENGTH: 18

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 104:

US-10-830-475-104

Query Match 0.3%; Score 14.8; DB 1; Length 18;

Base Local Similarity 88.9%; Pred. No. 7.9e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3269 CTGTGCTTAGTGCAGCC 3286

Db 18 CTGTCTTTGTGCAGCC 1

RESULT 890

US-09-909-320-286

/ Sequence 286, Application US/09909320

Patent No. US20020132240A1

GENERAL INFORMATION:

APPLICANT: Genentech, Inc.

APPLICANT: Ashkenazi, Avi

APPLICANT: Botstein, David

APPLICANT: Desnovers, Luc

APPLICANT: Baton, Dan L.

APPLICANT: Ferrara, Napoleone

APPLICANT: Flvaroff, Ellen

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerltsen, Mary E.

APPLICANT: Goddard, A.

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, Christopher J.

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth, J.

APPLICANT: Kljavin, Ivar J.

APPLICANT: Mather, Jennie P.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas P.

APPLICANT: Roy, Margaret Ann

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William, I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same

FILE REFERENCE: 10466-14

CURRENT APPLICATION NUMBER: US/09/909,320

PRIOR FILING DATE: 2002-01-04

PRIOR APPLICATION NUMBER: PCT/US00/04414

PRIOR FILING DATE: 2000-02-22

PRIOR APPLICATION NUMBER: US 60/143,048

PRIOR FILING DATE: 1999-07-07

PRIOR APPLICATION NUMBER: US 60/145,698

PRIOR FILING DATE: 1999-07-26

PRIOR APPLICATION NUMBER: US 60/146,222

PRIOR FILING DATE: 1999-07-28

PRIOR APPLICATION NUMBER: PCT/US99/20594

PRIOR FILING DATE: 1999-09-08

PRIOR APPLICATION NUMBER: PCT/US99/20944

PRIOR FILING DATE: 1999-09-13

PRIOR APPLICATION NUMBER: PCT/US99/21090

PRIOR FILING DATE: 1999-09-15

PRIOR APPLICATION NUMBER: PCT/US99/21547

PRIOR FILING DATE: 1999-09-15

PRIOR APPLICATION NUMBER: PCT/US99/23089

PRIOR FILING DATE: 1999-10-05

PRIOR APPLICATION NUMBER: PCT/US99/28214

PRIOR FILING DATE: 1999-11-29

PRIOR APPLICATION NUMBER: PCT/US99/28313

PRIOR FILING DATE: 1999-11-30

PRIOR APPLICATION NUMBER: PCT/US99/28564

PRIOR FILING DATE: 1999-12-02

PRIOR APPLICATION NUMBER: PCT/US99/28565

PRIOR FILING DATE: 1999-12-02

PRIOR APPLICATION NUMBER: PCT/US99/30095

PRIOR FILING DATE: 1999-12-16

PRIOR APPLICATION NUMBER: PCT/US99/30911

PRIOR FILING DATE: 1999-12-20

PRIOR APPLICATION NUMBER: PCT/US99/30999

PRIOR FILING DATE: 1999-12-20

PRIOR APPLICATION NUMBER: PCT/US00/00219

NUMBER OF SEQ ID NOS: 423

SEQ ID NO 286

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic Oligonucleotide Probe

US-09-909-320-286

Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 8.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2099 CCTGCACTTGCTGTATGC 2116

Db 2 CCTGCACTTGCTGTATGC 19

RESULT 891
US-09-909-088B-286

; Sequence 286, Application US/09909088B
; Patent No. US20020146709A1

; GENERAL INFORMATION:

; APPLICANT: Genentech, Inc.

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Baton, Dan L.

; APPLICANT: Ferrara, Napoleone

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, A.

; APPLICANT: Grimaldi, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth, J.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Mather, Jennie P.

; APPLICANT: Pan, James

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William, I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; FILE REFERENCE: 10466-14

; CURRENT APPLICATION NUMBER: US/09/909,088B

; PRIOR FILING DATE: 2001-07-18

; PRIOR APPLICATION NUMBER: PCT/US00/04414

; PRIOR FILING DATE: 2000-02-22

; PRIOR APPLICATION NUMBER: US 60/143,048

; PRIOR FILING DATE: 1999-07-07

; PRIOR APPLICATION NUMBER: US 60/145,698

; PRIOR FILING DATE: 1999-07-26

; PRIOR APPLICATION NUMBER: US 60/146,222

; PRIOR FILING DATE: 1999-07-28

; PRIOR APPLICATION NUMBER: PCT/US99/20594

; PRIOR FILING DATE: 1999-09-08

; PRIOR APPLICATION NUMBER: PCT/US99/20944

; PRIOR FILING DATE: 1999-09-13

; PRIOR APPLICATION NUMBER: PCT/US99/21090

; PRIOR FILING DATE: 1999-09-15

; PRIOR APPLICATION NUMBER: PCT/US99/21547

; PRIOR FILING DATE: 1999-09-15

; PRIOR APPLICATION NUMBER: PCT/US99/23089

; PRIOR FILING DATE: 1999-10-05

; PRIOR APPLICATION NUMBER: PCT/US99/28214

; PRIOR FILING DATE: 1999-11-29

; PRIOR APPLICATION NUMBER: PCT/US99/28313

; PRIOR FILING DATE: 1999-11-30

; PRIOR APPLICATION NUMBER: PCT/US99/28564

; PRIOR FILING DATE: 1999-12-02

; PRIOR APPLICATION NUMBER: PCT/US99/28565

; PRIOR FILING DATE: 1999-12-02

; PRIOR APPLICATION NUMBER: PCT/US99/30095

; PRIOR FILING DATE: 1999-12-16

; PRIOR APPLICATION NUMBER: PCT/US99/30911

; PRIOR FILING DATE: 1999-12-20

; PRIOR APPLICATION NUMBER: PCT/US99/30999

; PRIOR FILING DATE: 1999-12-20

; PRIOR APPLICATION NUMBER: PCT/US00/00219

; PRIOR FILING DATE: 2000-01-05

; NUMBER OF SEQ ID NOS: 423

; SEQ ID NO 286

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic Oligonucleotide Probe

US-09-909-088B-286

Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 8.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2099 CCTGCACTTGCTGTATGC 2116

Db 2 CCTGCACTTGCTGTATGC 19

RESULT 892
US-09-905-291A-286

; Sequence 286, Application US/09905291A
; Patent No. US20020160374A1

; GENERAL INFORMATION:

; APPLICANT: Genentech, Inc.

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Baton, Dan L.

; APPLICANT: Ferrara, Napoleone

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, A.

; APPLICANT: Grimaldi, Christopher J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth, J.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Mather, Jennie P.

; APPLICANT: Pan, James

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William, I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; FILE REFERENCE: 10466-14

; CURRENT APPLICATION NUMBER: US/09/905,291A

; PRIOR FILING DATE: 2001-07-12

; PRIOR APPLICATION NUMBER: PCT/US00/04414

; PRIOR FILING DATE: 2000-02-22

; PRIOR APPLICATION NUMBER: US 60/143,048

; PRIOR FILING DATE: 1999-07-07

; PRIOR APPLICATION NUMBER: US 60/145,698

; PRIOR FILING DATE: 1999-07-26

; PRIOR APPLICATION NUMBER: PCT/US99/20594

; PRIOR FILING DATE: 1999-07-28

; PRIOR APPLICATION NUMBER: PCT/US99/20944

; PRIOR FILING DATE: 1999-09-08

; PRIOR APPLICATION NUMBER: PCT/US99/20944

; PRIOR FILING DATE: 1999-09-13

; PRIOR APPLICATION NUMBER: PCT/US99/21090

; PRIOR FILING DATE: 1999-09-15

; PRIOR APPLICATION NUMBER: PCT/US99/21547

; PRIOR FILING DATE: 1999-09-15

; PRIOR APPLICATION NUMBER: PCT/US99/23089

; PRIOR FILING DATE: 1999-10-05

; PRIOR APPLICATION NUMBER: PCT/US99/28214

; PRIOR FILING DATE: 1999-11-29

; PRIOR APPLICATION NUMBER: PCT/US99/28313

; PRIOR FILING DATE: 1999-11-30

; PRIOR APPLICATION NUMBER: PCT/US99/28564

; PRIOR FILING DATE: 1999-12-02

; PRIOR APPLICATION NUMBER: PCT/US99/28565

; PRIOR FILING DATE: 1999-12-02

; PRIOR APPLICATION NUMBER: PCT/US99/30095

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; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 286
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-905-291A-286
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Query Match      0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 8.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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Qy      2099 CCTGCAGTTGCCTGATGC 2116
Db      2 CCTGCAGTTGCCTGATGC 19
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RESULT 893
US-09-902-853-286
; Sequence 286, Application US/09902853
; Publication No. US20020192659A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltzen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumes, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/902,853
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; CURRENT FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: US/09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 286
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-902-853-286
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Query Match      0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 8.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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Qy      2099 CCTGCAGTTGCCTGATGC 2116
Db      2 CCTGCAGTTGCCTGATGC 19
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RESULT 894
US-09-907-824-286
; Sequence 286, Application US/09907824
; Publication No. US20020197671A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltzen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
```

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; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT FILING DATE: 2001-07-17
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 286
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-907-824-286

Query Match      0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 8.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2099 CCTGCAGTTCCTGATGC 2116
DB      2 CCTGCAGTTCCTGATGC 19
```

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; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Boctstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT FILING DATE: 2001-11-20
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 286
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-907-841-286

Query Match      0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 8.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2099 CCTGCAGTTCCTGATGC 2116
DB      2 CCTGCAGTTCCTGATGC 19
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RESULT 895
US-09-907-841-286
; Sequence 286, Application US/09907841
; Publication No. US20020198366A1
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RESULT 896
US-09-904-011-286
; Sequence 286, Application US/09904011
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Publication No. US20030003530A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerltzen, Mary B.
APPLICANT: Goddard, A.
APPLICANT: Grimaldi, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/904,011
PRIOR FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 286
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide Probe
US-09-904-011-286
Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 8.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
CY 2039 CCTGCACCTTCCCTGATGC 2116
DB 2 CCTGCACCTTCCCTGATGC 19
RESULT 897
US-09-904-968A-63/C
Sequence 63, Application US/09904968A
Publication No. US20030008288A1
GENERAL INFORMATION:
APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
APPLICANT: GERMINO, Gregory
APPLICANT: MATNICK, Terry
APPLICANT: PHARDEKITCHAORN, Bunyong
TITLE OF INVENTION: DETECTION AND TREATMENT OF POLYCYSTIC KIDNEY DISEASE
FILE REFERENCE: JH01680-2
CURRENT APPLICATION NUMBER: US/09/904,968A
CURRENT FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: US 60/283,691
PRIOR FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: US 60/218,261
PRIOR FILING DATE: 2000-07-13
NUMBER OF SEQ ID NOS: 113
SOFTWARE: PatentIn version 3.0
SEQ ID NO 63
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: PCR primer 13R
US-09-904-968A-63
Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 8.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
CY 3276 TTAGTCCAGCCCGACCT 3293
DB 19 TTAGTCCAGCCCGACCT 2
RESULT 898
US-09-903-640-286
Sequence 286, Application US/09903640
Publication No. US20030017463A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerltzen, Mary B.
APPLICANT: Goddard, A.
APPLICANT: Grimaldi, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James

```
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William, I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: 10466-14
/ CURRENT APPLICATION NUMBER: US/09/903,640
/ PRIOR FILING DATE: 2001-07-11
/ PRIOR APPLICATION NUMBER: 09/665,350
/ PRIOR FILING DATE: 2000-09-18
/ NUMBER OF SEQ ID NOS: 423
/ SEQ ID NO 286
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-903-640-286

Query Match          0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 8.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      2099  CCTGCAGTTGCTGTATGC 2116
Db      2      CCTGCAGTTTCTGTATGC 19

RESULT 899
US-09-908-093-286
/ Sequence 286, Application US/09908093
/ Publication No. US20030017498A1
/ GENERAL INFORMATION:
/ APPLICANT: Genentech, Inc.
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Baton, Dan L.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, A.
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth, J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Mather, Jennie P.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William, I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: 10466-14
/ CURRENT APPLICATION NUMBER: US/09/908,093
/ PRIOR FILING DATE: 2001-07-17
/ PRIOR APPLICATION NUMBER: 09/665,350
/ PRIOR FILING DATE: 2000-09-18
/ PRIOR APPLICATION NUMBER: PCT/US00/04414
/ PRIOR FILING DATE: 2000-02-22
/ PRIOR APPLICATION NUMBER: US 60/143,048
/ PRIOR FILING DATE: 1999-07-07
/ PRIOR APPLICATION NUMBER: US 60/145,698
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/ PRIOR FILING DATE: 1999-07-26
/ PRIOR APPLICATION NUMBER: US 60/146,222
/ PRIOR FILING DATE: 1999-07-28
/ PRIOR APPLICATION NUMBER: PCT/US99/20594
/ PRIOR FILING DATE: 1999-09-08
/ PRIOR APPLICATION NUMBER: PCT/US99/20344
/ PRIOR FILING DATE: 1999-09-13
/ PRIOR APPLICATION NUMBER: PCT/US99/21090
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/21547
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/23089
/ PRIOR FILING DATE: 1999-10-05
/ PRIOR APPLICATION NUMBER: PCT/US99/28214
/ PRIOR FILING DATE: 1999-11-29
/ PRIOR APPLICATION NUMBER: PCT/US99/28313
/ PRIOR FILING DATE: 1999-11-30
/ PRIOR APPLICATION NUMBER: PCT/US99/28564
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/28565
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/30095
/ PRIOR FILING DATE: 1999-12-16
/ PRIOR APPLICATION NUMBER: PCT/US99/30311
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US99/30999
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US00/00219
/ PRIOR FILING DATE: 2000-01-05
/ NUMBER OF SEQ ID NOS: 423
/ SEQ ID NO 286
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-908-093-286

Query Match          0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 8.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      2099  CCTGCAGTTGCTGTATGC 2116
Db      2      CCTGCAGTTTCTGTATGC 19

RESULT 900
US-09-906-742-286
/ Sequence 286, Application US/09906742
/ Publication No. US20030023054A1
/ GENERAL INFORMATION:
/ APPLICANT: Genentech, Inc.
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Baton, Dan L.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, A.
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth, J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Mather, Jennie P.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
```

```
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William, I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: 10466-14
/ CURRENT APPLICATION NUMBER: US/09/906,742
/ PRIOR FILING DATE: 2001-07-15
/ PRIOR APPLICATION NUMBER: 09/665,350
/ PRIOR FILING DATE: 2000-09-18
/ PRIOR APPLICATION NUMBER: PCT/US00/04414
/ PRIOR FILING DATE: 2000-02-22
/ PRIOR APPLICATION NUMBER: US 60/143,048
/ PRIOR FILING DATE: 1999-07-07
/ PRIOR APPLICATION NUMBER: US 60/145,698
/ PRIOR FILING DATE: 1999-07-26
/ PRIOR APPLICATION NUMBER: US 60/146,222
/ PRIOR FILING DATE: 1999-07-28
/ PRIOR APPLICATION NUMBER: PCT/US99/20594
/ PRIOR FILING DATE: 1999-09-08
/ PRIOR APPLICATION NUMBER: PCT/US99/20944
/ PRIOR FILING DATE: 1999-09-13
/ PRIOR APPLICATION NUMBER: PCT/US99/21090
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/21547
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/22089
/ PRIOR FILING DATE: 1999-10-05
/ PRIOR APPLICATION NUMBER: PCT/US99/28214
/ PRIOR FILING DATE: 1999-11-29
/ PRIOR APPLICATION NUMBER: PCT/US99/28313
/ PRIOR FILING DATE: 1999-11-30
/ PRIOR APPLICATION NUMBER: PCT/US99/28564
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/28565
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/30095
/ PRIOR FILING DATE: 1999-12-16
/ PRIOR APPLICATION NUMBER: PCT/US99/30911
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US99/30999
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US00/00219
/ PRIOR FILING DATE: 2000-01-05
/ NUMBER OF SEQ ID NOS: 423
/ SEQ ID NO 286
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Oligonucleotide Probe
/ US-09-906-742-286

Query Match      0.3%  Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 8.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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Qy      2099 CCTGCACCTGCCTGATGC 2116
DB      2 CCTGCACCTGCCTGATGC 19
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RESULT 901
US-09-906-838-286
/ Sequence 286, Application US/09906838
/ Publication No. US20030027143A1
/ GENERAL INFORMATION:
/ APPLICANT: Genentech, Inc.
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Baton, Dan L.
```

```
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerder, Hanspeter
/ APPLICANT: Gerritsen, Mary B.
/ APPLICANT: Goddard, A.
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth, J.
/ APPLICANT: Kijavitt, Ivar J.
/ APPLICANT: Mather, Jennie P.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William, I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: 10466-14
/ CURRENT APPLICATION NUMBER: US/09/906,838
/ PRIOR FILING DATE: 2001-07-16
/ PRIOR APPLICATION NUMBER: 09/665,350
/ PRIOR FILING DATE: 2000-09-18
/ PRIOR APPLICATION NUMBER: PCT/US00/04414
/ PRIOR FILING DATE: 2000-02-22
/ PRIOR APPLICATION NUMBER: US 60/143,048
/ PRIOR FILING DATE: 1999-07-07
/ PRIOR APPLICATION NUMBER: US 60/145,698
/ PRIOR FILING DATE: 1999-07-26
/ PRIOR APPLICATION NUMBER: US 60/146,222
/ PRIOR FILING DATE: 1999-07-28
/ PRIOR APPLICATION NUMBER: PCT/US99/20594
/ PRIOR FILING DATE: 1999-09-08
/ PRIOR APPLICATION NUMBER: PCT/US99/20944
/ PRIOR FILING DATE: 1999-09-13
/ PRIOR APPLICATION NUMBER: PCT/US99/21090
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/21547
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/23089
/ PRIOR FILING DATE: 1999-10-05
/ PRIOR APPLICATION NUMBER: PCT/US99/28214
/ PRIOR FILING DATE: 1999-11-29
/ PRIOR APPLICATION NUMBER: PCT/US99/28313
/ PRIOR FILING DATE: 1999-11-30
/ PRIOR APPLICATION NUMBER: PCT/US99/28564
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/28565
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/30095
/ PRIOR FILING DATE: 1999-12-16
/ PRIOR APPLICATION NUMBER: PCT/US99/30911
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US99/30999
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US00/00219
/ PRIOR FILING DATE: 2000-01-05
/ NUMBER OF SEQ ID NOS: 423
/ SEQ ID NO 286
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Oligonucleotide Probe
/ US-09-906-838-286

Query Match      0.3%  Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 8.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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/ PRIOR APPLICATION NUMBER: PCT/US99/28214
/ PRIOR FILING DATE: 1999-11-29
/ PRIOR APPLICATION NUMBER: PCT/US99/28313
/ PRIOR FILING DATE: 1999-11-30
/ PRIOR APPLICATION NUMBER: PCT/US99/28564
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/28565
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/30095
/ PRIOR FILING DATE: 1999-12-16
/ PRIOR APPLICATION NUMBER: PCT/US99/30911
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US99/30999
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US00/00219
/ PRIOR FILING DATE: 2000-01-05
/ NUMBER OF SEQ ID NOS: 423
/ SEQ ID NO 286
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-907-942-286

Query Match      0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 8.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      2099 CCTGCATCTGCTGATGC 2116
Db      2 CCTGCATTTCTCTGATGC 19

RESULT 904
US-09-904-859-286
/ Sequence 286, Application US/09904859
/ Publication No. US20030036060A1
/ GENERAL INFORMATION:
/ APPLICANT: Genentech, Inc.
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Baton, Dan L.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, A.
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth, J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Mather, Jennie P.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas P.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumes, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William, I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: 10466-14
/ CURRENT APPLICATION NUMBER: US/09/904,859
/ PRIOR FILING DATE: 2001-07-12
/ PRIOR APPLICATION NUMBER: 09/665,350
/ PRIOR FILING DATE: 2000-09-18
/ PRIOR APPLICATION NUMBER: PCT/US00/04414
/ PRIOR FILING DATE: 2000-02-22
```

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/ PRIOR APPLICATION NUMBER: US 60/143,048
/ PRIOR FILING DATE: 1999-07-07
/ PRIOR APPLICATION NUMBER: US 60/145,698
/ PRIOR FILING DATE: 1999-07-26
/ PRIOR APPLICATION NUMBER: US 60/146,222
/ PRIOR FILING DATE: 1999-07-28
/ PRIOR APPLICATION NUMBER: PCT/US99/20594
/ PRIOR FILING DATE: 1999-09-08
/ PRIOR APPLICATION NUMBER: PCT/US99/20944
/ PRIOR FILING DATE: 1999-09-13
/ PRIOR APPLICATION NUMBER: PCT/US99/21090
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/21547
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/23089
/ PRIOR FILING DATE: 1999-10-05
/ PRIOR APPLICATION NUMBER: PCT/US99/28214
/ PRIOR FILING DATE: 1999-11-29
/ PRIOR APPLICATION NUMBER: PCT/US99/28313
/ PRIOR FILING DATE: 1999-11-30
/ PRIOR APPLICATION NUMBER: PCT/US99/28564
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/28565
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/30095
/ PRIOR FILING DATE: 1999-12-16
/ PRIOR APPLICATION NUMBER: PCT/US99/30911
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US99/30999
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US00/00219
/ PRIOR FILING DATE: 2000-01-05
/ NUMBER OF SEQ ID NOS: 423
/ SEQ ID NO 286
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-904-859-286

Query Match      0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 8.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      2099 CCTGCATCTGCTGATGC 2116
Db      2 CCTGCATTTCTCTGATGC 19

RESULT 905
US-09-909-204-286
/ Sequence 286, Application US/09909204
/ Publication No. US20030036061A1
/ GENERAL INFORMATION:
/ APPLICANT: Genentech, Inc.
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Baton, Dan L.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, A.
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth, J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Mather, Jennie P.
```

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; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tunas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/909,204
; PRIOR FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 286
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
; US-09-909-204-286

Query Match      0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 8.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      2099 CCTGCAGTTGCCTGATGC 2116
Db      2 CCTGCAGTTCTCTGATGC 19

RESULT 906
US-09-904-820-286
; Sequence 286, Application US/09904820
; Publication No. US20030036094A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
```

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; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerlicsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kjaer, Jennie P.
; APPLICANT: Macher, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tunas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/904,820
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 286
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
; US-09-904-820-286

Query Match      0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 8.1e+02;
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Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2099 CCTGACCTGCCTGATGC 2116
Db 2 CCTGACGTTCTCTGATGC 19

RESULT 907
US-09-904-786-286
Sequence 286, Application US/09904786
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary B.
APPLICANT: Goddard, A.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/904,786
CURRENT FILING DATE: 2001-07-12
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 286
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-904-786-286

Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 8.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2099 CCTGACCTGCCTGATGC 2116
Db 2 CCTGACGTTCTCTGATGC 19

RESULT 908
US-09-906-646-286
Sequence 286, Application US/09906646
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone

APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary B.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/906,646
CURRENT FILING DATE: 2002-01-22
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 286
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-906-646-286

Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 8.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2099 CCTGACCTGCCTGATGC 2116
Db 2 CCTGACGTTCTCTGATGC 19

Db 2 CCTGCAGTTCTCTGATGC 19

RESULT 909

US-09-906-700-286

Sequence 286, Application US/09906700

Publication No. US20030039972A1

GENERAL INFORMATION:

APPLICANT: Genentech, Inc.

APPLICANT: Ashkenazi, Avi

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan L.

APPLICANT: Ferrara, Napoleone

APPLICANT: Filvaroff, Ellen

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, A.

APPLICANT: Grimaldi, Christopher J.

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth, J.

APPLICANT: Kljavin, Ivar J.

APPLICANT: Mather, Jennie P.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William, I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

Acids Encoding the Same

FILE REFERENCE: 10466-14

CURRENT APPLICATION NUMBER: US/09/906,700

CURRENT FILING DATE: 2000-09-18

PRIOR APPLICATION NUMBER: PCT/US00/04414

PRIOR FILING DATE: 2000-02-22

PRIOR APPLICATION NUMBER: US 60/143,048

PRIOR FILING DATE: 1999-07-07

PRIOR APPLICATION NUMBER: US 60/145,698

PRIOR FILING DATE: 1999-07-26

PRIOR APPLICATION NUMBER: US 60/146,222

PRIOR FILING DATE: 1999-07-28

PRIOR APPLICATION NUMBER: PCT/US99/20594

PRIOR FILING DATE: 1999-09-08

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NUMBER OF SEQ ID NOS: 423

SEQ ID NO 286
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-906-700-286

Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 8.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2099 CCTGCAGTTCTCTGATGC 2116

Db 2 CCTGCAGTTCTCTGATGC 19

RESULT 910

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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

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